

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Schwab-Stollmack 8-19-4-1E				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WINDY RIDGE				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825				
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Wayne and Moreen Henderson						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-646-3397				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') Rt 3 Box 3671, Myton, UT 84052						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL	FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE	1982 FNL 661 FEL		SENE	19	4.0 S	1.0 E	U			
Top of Uppermost Producing Zone	1982 FNL 661 FEL		SENE	19	4.0 S	1.0 E	U			
At Total Depth	1982 FNL 661 FEL		SENE	19	4.0 S	1.0 E	U			
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 658		23. NUMBER OF ACRES IN DRILLING UNIT 40					
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1837		26. PROPOSED DEPTH MD: 6025 TVD: 6025					
27. ELEVATION - GROUND LEVEL 4935			28. BOND NUMBER B001834		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478					
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	8.625	0 - 400	24.0	J-55 ST&C	8.3	Class G	183	1.17	15.8
PROD	7.875	5.5	0 - 6025	15.5	J-55 LT&C	8.3	Premium Lite High Strength	278	3.26	11.0
							50/50 Poz	363	1.24	14.3
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Mandie Crozier				TITLE Regulatory Tech			PHONE 435 646-4825			
SIGNATURE				DATE 11/06/2013			EMAIL mcrozier@newfield.com			
API NUMBER ASSIGNED 43047541780000				APPROVAL Permit Manager						

NEWFIELD PRODUCTION COMPANY
SCHWAB-STOLLMACK 8-19-4-1E
SE/NE SECTION 19, T4S R1E
UINTAH COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1970'
Green River	1970'
Wasatch	5875'
Proposed TD	6025'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 1970' – 5875'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM**

a. Casing Design: SCHWAB-STOLLMACK 8-19-4-1E

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	400'	24.0	J-55	STC	2,950 13.15	1,370 10.77	244,000 25.42
Prod casing 5-1/2"	0'	6025'	15.5	J-55	LTC	4,810 2.51	4,040 2.11	217,000 2.32

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure – gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
 Pore pressure at surface casing shoe = 8.33 ppg
 Pore pressure at prod casing shoe = 8.33 ppg
 Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: SCHWAB-STOLLMACK 8-19-4-1E

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	400'	Class G w/ 2% CaCl	183 215	30%	15.8	1.17
Prod casing Lead	4,025'	Prem Lite II w/ 10% gel + 3% KCl	278 907	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ± 400 feet will be drilled with an air/mist system. The air rig is equipped with a 6 1/2" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ± 300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 400' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

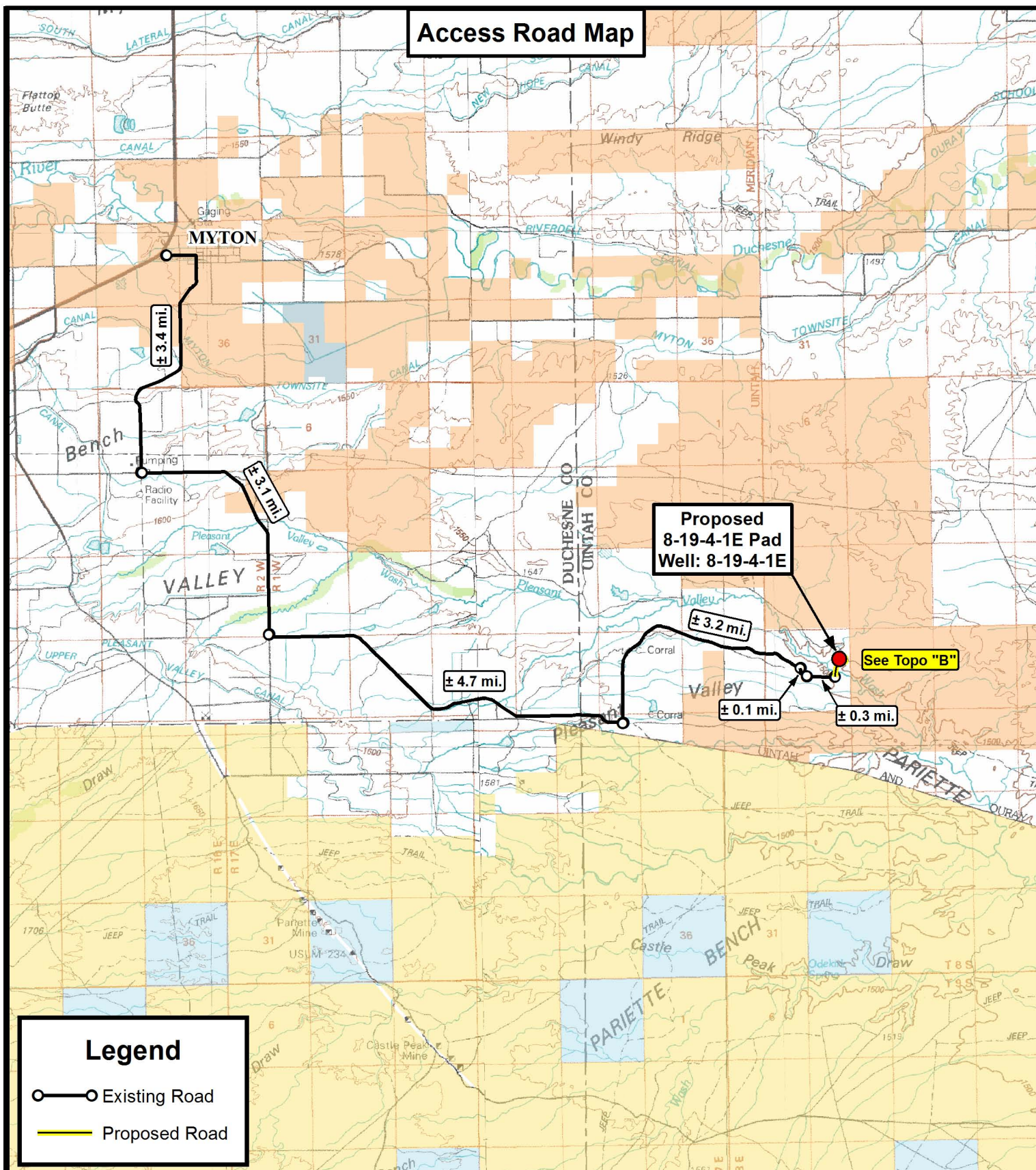
No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the third quarter of 2013, and take approximately seven (7) days from spud to rig release.

Access Road Map



180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518**NEWFIELD EXPLORATION COMPANY**

8-19-4-1E Pad
Well: 8-19-4-1E
Sec. 19, T4S, R1E, U.S.B.&M.
Uintah County, UT.

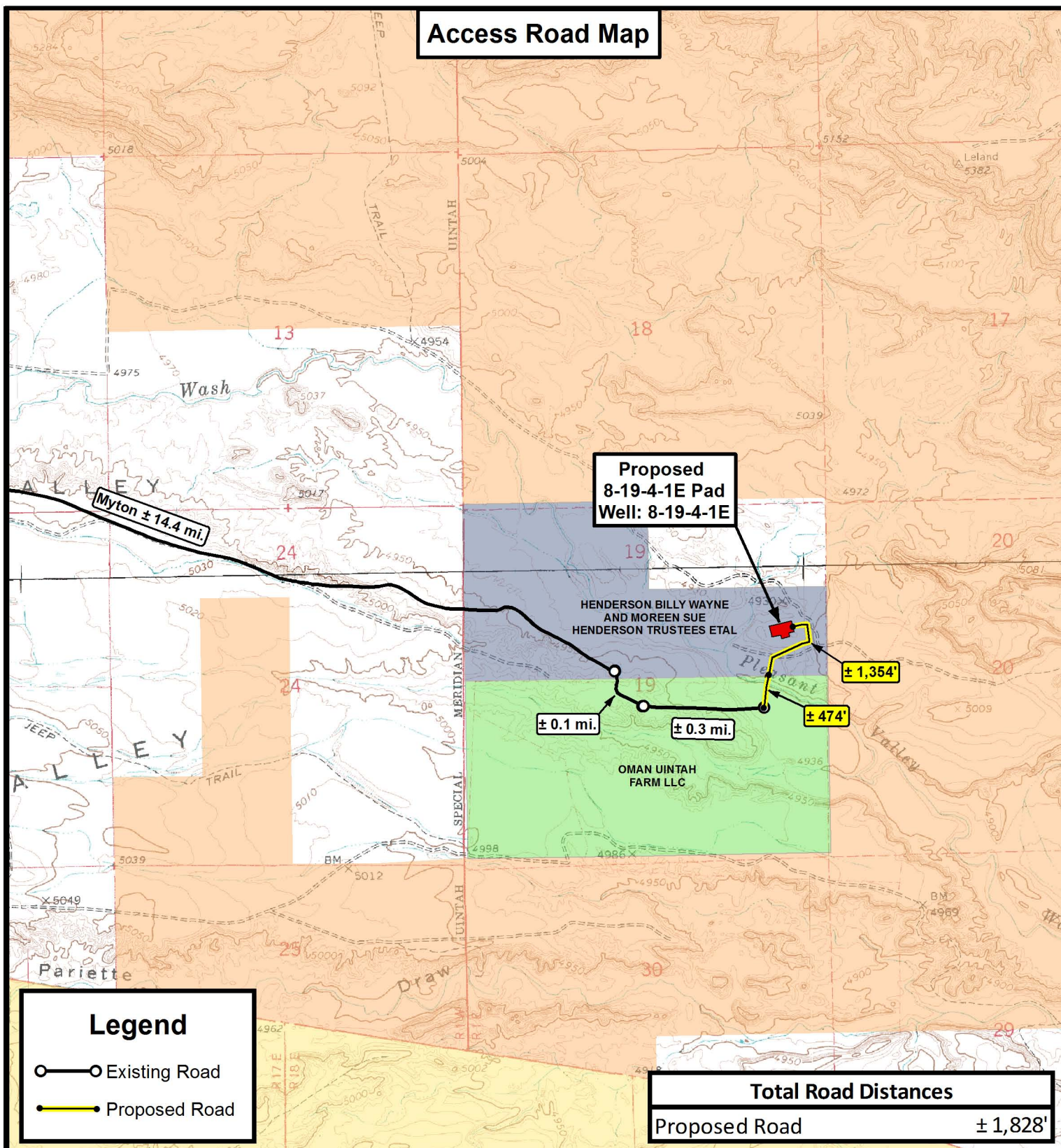
DRAWN BY:	D.C.R.	REVISED:	07-12-13 A.P.C.	VERSION:
DATE:	10-16-2012			V2
SCALE:	1:100,000			

TOPOGRAPHIC MAP

SHEET

A

Access Road Map



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

**NEWFIELD EXPLORATION COMPANY**

8-19-4-1E Pad
Well: 8-19-4-1E
Sec. 19, T4S, R1E, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	D.C.R.	REVISED:	07-12-13 A.P.C.	VERSION:
DATE:	10-16-2012			V2
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET
B

Proposed Pipeline Map

**Proposed
8-19-4-1E Pad
Well: 8-19-4-1E**

HENDERSON BILLY WAYNE
AND MOREEN SUE
HENDERSON TRUSTEES ETAL

OMAN UINTAH
FARM LLC

Legend

-  Existing Road
-  Proposed Road
-  Proposed Flowline
-  Proposed Gas Pipeline
-  Proposed Waterline

Total Pipeline Distances

Proposed Flowline	± 1,821'
Proposed Gas Pipeline	± 1,786'
Proposed Waterline	± 1,784'

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**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

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NEWFIELD EXPLORATION COMPANY

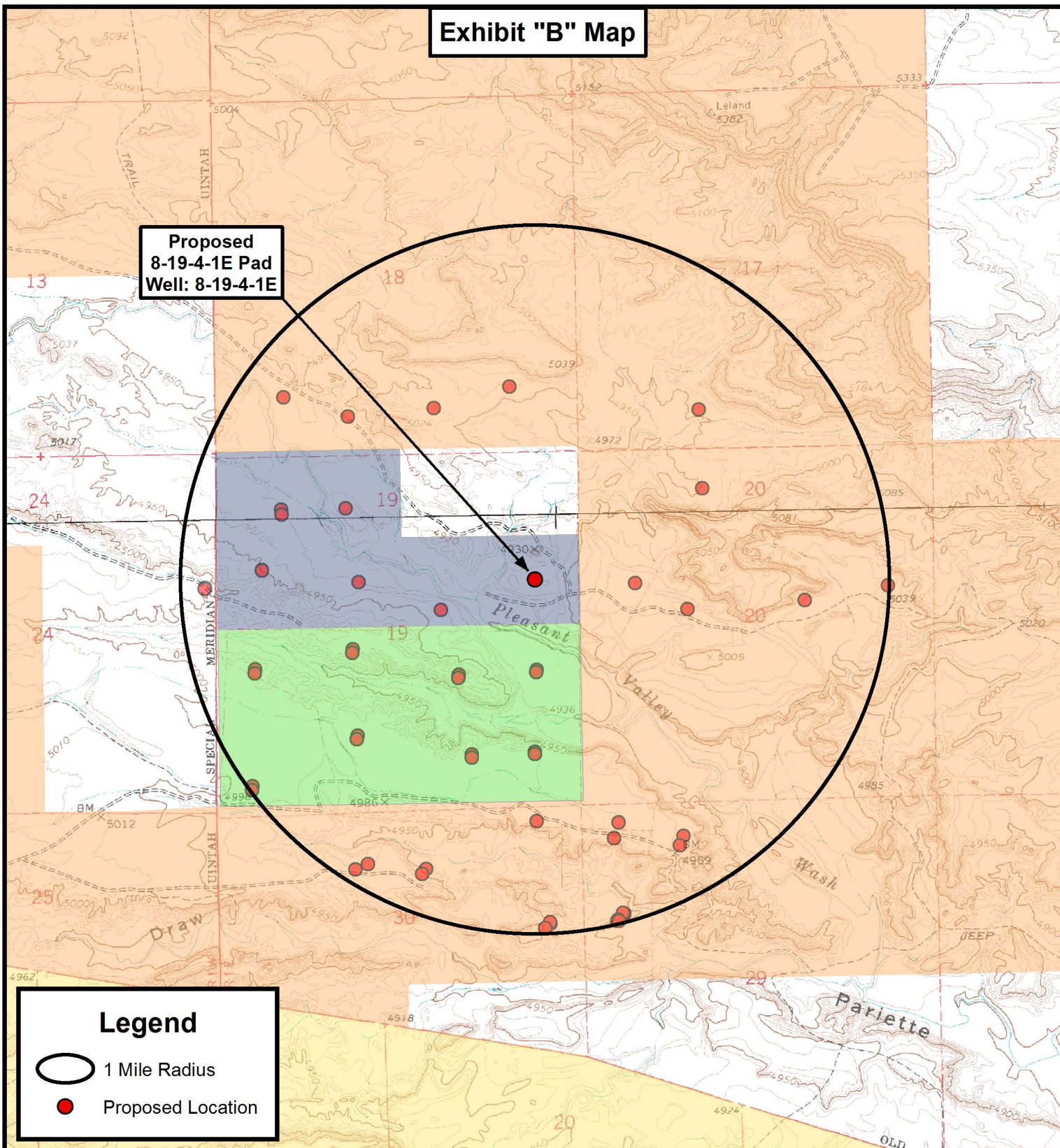
8-19-4-1E Pad
Well: 8-19-4-1E
Sec. 19, T4S, R1E, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	D.C.R.	REVISED: 07-12-13 A.P.C.	VERSION:
DATE:	10-16-2012		V2
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET

C

Exhibit "B" Map

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8-19-4-1E Pad
Well: 8-19-4-1E
Sec. 19, T4S, R1E, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	D.C.R.	REVISED: 07-12-13 A.P.C.	VERSION:
DATE:	10-16-2012		V2
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET

D

Coordinate Report

[illegible]

P: (435) 781-2501
F: (435) 781-2518

NEWFIELD EXPLORATION COMPANY

**8-19-4-1E Pad
Well: 8-19-4-1E
Sec. 19, T4S, R1E, U.S.B.&M.
Uintah County, UT.**

DRAWN BY:	D.C.R.	REVISED: 07-12-13 A.P.C.
DATE:	10-16-2012	
VERSION:	V2	

COORDINATE REPORT

SHEET

1

RECEIVED: November 06, 2013

**AFFIDAVIT OF EASEMENT, RIGHT-OF-WAY AND
SURFACE USE AGREEMENT**

Peter Burns personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Peter Burns. I am a Landman for Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").
2. Newfield is the Operator of the proposed S. Stollmack 7-19-4-1E and S. Stollmack 8-19-4-1E wells with surface locations to be positioned in the SWNE and SENE of Section 19, Township 4 South, Range 1 East, Uintah County, Utah (the "Drillsite Locations"). The surface owner of the Drillsite Location is Billy Wayne Henderson and Moreen Sue Anderson Henderson, Trustees, et al, whose address is Rt. 3, Box 3671, Myton, UT 84052 ("Surface Owner").
3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated May 7, 2013 covering the Drillsite Locations, access to the Drillsite Locations, and pipeline routes.

FURTHER AFFIANT SAYETH NOT.

Peter Burns

ACKNOWLEDGEMENT

STATE OF COLORADO §
 §
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 9th day of May, 2013, personally appeared Peter Burns, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires:



**NEWFIELD PRODUCTION COMPANY
SCHWAB-STOLLMACK 8-19-4-1E
SE/NE SECTION 19, T4S, R1E
UINTAH COUNTY, UTAH**

MULTI-POINT SURFACE USE & OPERATIONS PLAN

The onsite inspection for this pad will need to be set up as soon as the APD is received by the State of Utah DOGM. This is a new pad with one proposed vertical well.

1. EXISTING ROADS

- a) To reach Newfield Production Company well location site Schwab-Stollmack 8-19-4-1E, proceed in a southerly direction out of Myton, approximately 3.4 miles to it's junction with an existing road to the east; proceed in a easterly and then southerly direction approximately 3.1 miles to it's junction with an existing road to the east; proceed in a southeasterly direction approximately 4.7 miles to it's junction with an existing road to the north; proceed in a northeasterly direction approximately 3.6 miles to it's junction with the beginning of the proposed access road to the north; proceed in a northeasterly direction along the proposed access road approximately 1,828' to the proposed well location.
- b) The proposed location is approximately 15.1 miles southeast of Myton, Utah
- c) Existing native surface roads in the area range from clays to a sandy-clay shale material.
- d) Access roads will be maintained at the standards required by UDOT, Duchesne County or other controlling agencies. This maintenance will consist of some minor grader work for road surfacing and snow removal. Any necessary fill material for repair will be purchased and hauled from private sources.

2. PLANNED ACCESS ROAD

- a) Approximately 1,828 feet of access road trending notheast is planned. The planned access consists of entirely new disturbance across entirely private surface. See attached Topographic Map "B".
- b) The planned access road will consist of a 20-foot permanent running surface crowned and ditched in order to handle any run-off from any precipitation events. The maximum grade will be 10% or less.
- c) Adequate drainage structures, where necessary, would be incorporated into the construction of the access road to prevent soil erosion and accommodate all-weather traffic.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

- a) Refer to Topographic Map "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- a) There are no existing facilities that will be utilized.
- b) It is anticipated that this well will be a producing oil well with some associated natural gas.

- c) Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.
- d) Tank batteries will be built to Federal Gold Book specifications.
- e) All permanent above-ground structures would be painted a flat, non-reflective covert green color, to match the standard environmental colors. All facilities would be painted the designated color at the time of installation (weather permitting). Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- f) Newfield Production Company proposes 1,786' of proposed gas pipeline, 1,785' of proposed buried water line, and 1,822' of proposed flowline. The proposed pipeline corridor across entirely Fee surface connecting existing pipeline corridor on Fee surface. See attached Topographic Map "C".
- g) Where parallel corridors exist the disturbed area will be 60 feet wide to allow for construction of the proposed access road and pipeline corridor. The pipeline corridor will consist of a 12-inch or smaller natural gas pipeline, a 6-inch or smaller fuel gas line and an 8-inch or smaller produced water pipeline.
- h) The pipelines will tie in to the existing Newfield pipeline infrastructure. The proposed pipelines will be buried 4-feet deep or greater in a trench constructed with a trencher, trackhoe or backhoe for the length of the proposal. The construction phase of the planned access road, proposed pipelines will last approximately (10) days.
- i) The centerline of the proposed route will be staked prior to installation. Pipelines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated.
- j) Lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country, travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of four (4) inches deep, the soil will be deemed too wet to adequately support the equipment.

5. LOCATION AND TYPE OF WATER SUPPLY

- a) Newfield Production will transport water by truck from nearest water source. The available water sources are as follows:
 - Johnson Water District (Water Right : 43-7478)
 - Maurice Harvey Pond (Water Right: 47-1358)
 - Neil Moon Pond (Water Right: 43-11787)
 - Newfield Collector Well (Water Right: 47-1817 - A30414DVA, contracted with the Duchesne County Conservancy District).

6. SOURCE OF CONSTRUCTION MATERIALS

- a) Construction material for this access road will be borrowed material accumulated during construction of the access road. If any additional borrow or gravel is required, it would be obtained from a local supplier having a permitted source of materials within the general area.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

- a) A small pit (80 feet x 120 feet x 8 feet deep, or less) will be constructed inboard of the pad area. The pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM.
- b) The pit would be lined with 16 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit. A minimum of two feet of free board would be maintained between the maximum fluid level and the top of the pit at all times.
- c) A portable toilet will be provided for human waste.
- d) A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.
- e) After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.
- f) All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Newfield Production Company guarantees that during the drilling and completion of the referenced well, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the referenced well, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

8. **ANCILLARY FACILITIES**

- a) There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

- a) See attached Location Layout Sheet.

Fencing Requirements

- a) All pits will be fenced or have panels installed consistent with the following minimum standards:

1. The wire shall be no more than two (2) inches above the ground. If barbed wire is utilized it will be installed three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
 2. Corner posts shall be centered and/or braced in such a manner to keep tight and upright at all times
 3. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- b) The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE:

- a) Producing Location
1. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.
 2. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting; the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.
- b) Dry Hole Abandoned Location
1. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

- a) Wayne and Moreen Henderson, Trustees, et al.

12. OTHER ADDITIONAL INFORMATION

- a) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On federal administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- b) A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Location and Reserve Pit Reclamation

Please refer to the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

Representative

Name: Corie Miller
Address: Newfield Production Company
Route 3, Box 3630

Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #8-19-4-1E, Section 19, Township 4S, Range 1E: Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Nationwide Bond #B001834.

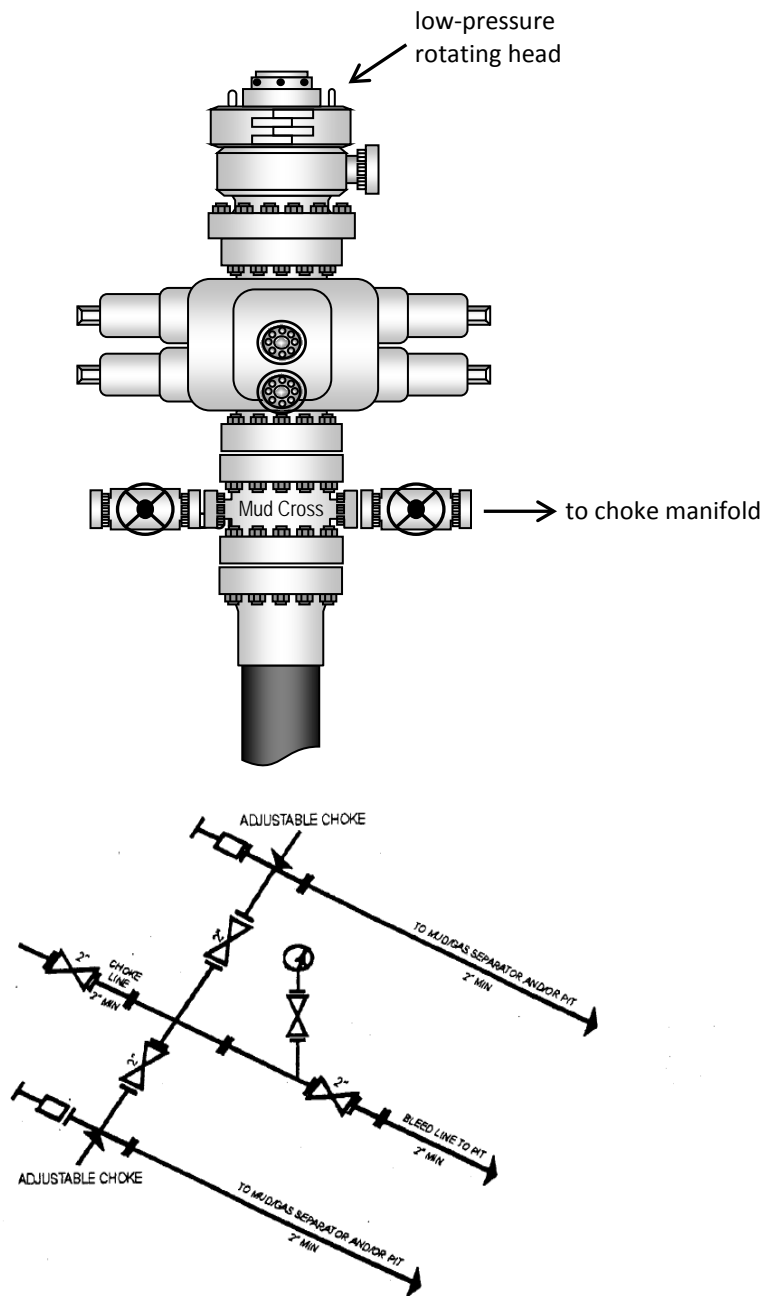
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

11/6/13

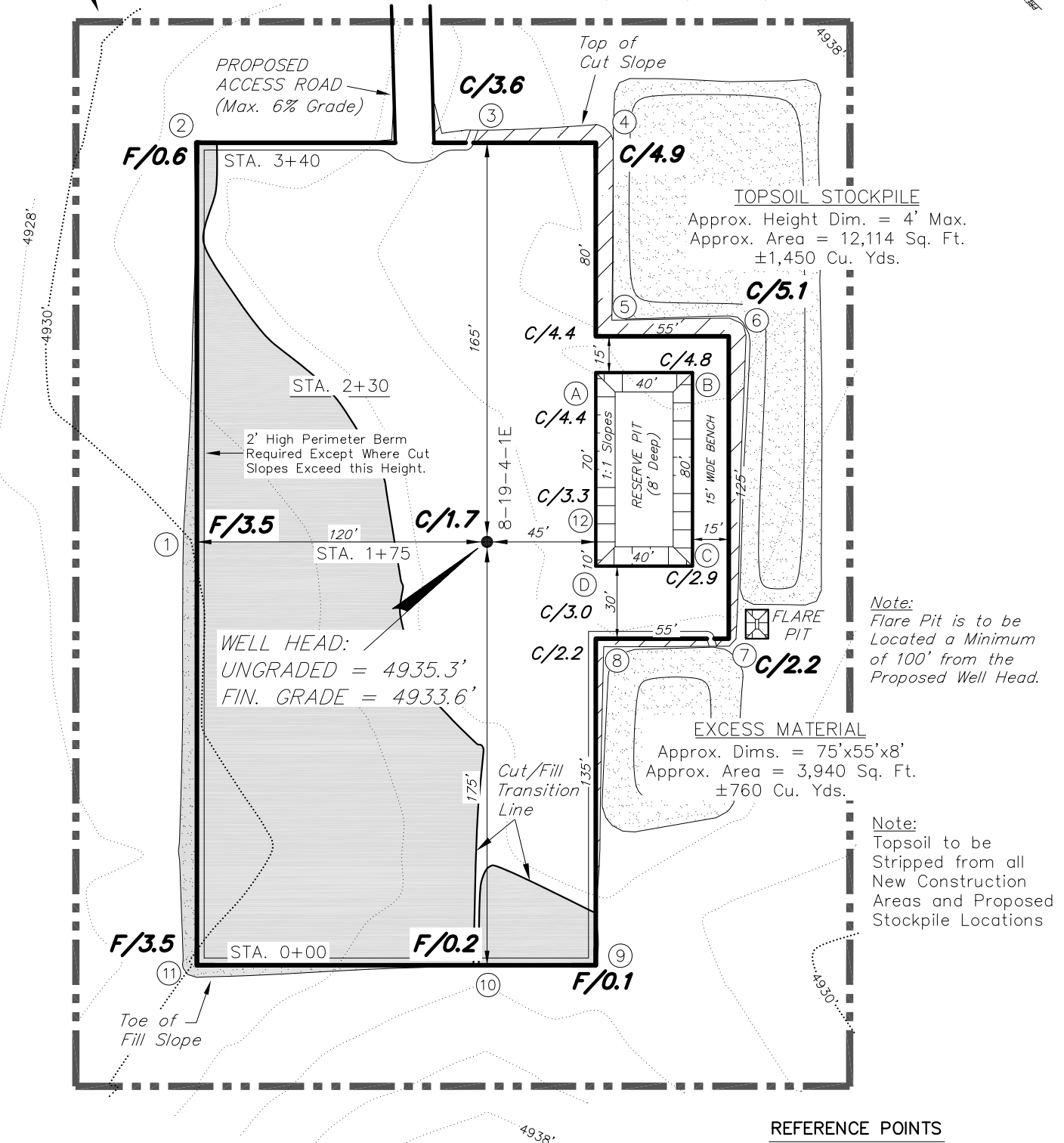
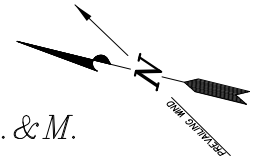
Date

Mandie Crozier
Regulatory Analyst
Newfield Production Company

Typical 2M BOP stack configuration



2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

NEWFIELD EXPLORATION COMPANY**PROPOSED LOCATION LAYOUT****8-19-4-1E PAD****WELL: 8-19-4-1E****Pad Location: SENE Section 19, T4S, R1E, U.S.B.&M.**DISTURBANCE
BOUNDARY**REFERENCE POINTS**

225' SOUTHWESTERLY = 4937.0'
 275' SOUTHWESTERLY = 4941.5'
 170' NORTHWESTERLY = 4928.7'
 220' NORTHWESTERLY = 4926.2'

NOTE:

The topsoil & excess material areas are calculated as being mounds containing 2,210 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

SURVEYED BY: S.H.	DATE SURVEYED: 09-24-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 10-05-12	V2
SCALE: 1" = 60'	REVISED: V.H. 07-12-13	

Tri State
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 (435) 781-2501

RECEIVED: November 06, 2013

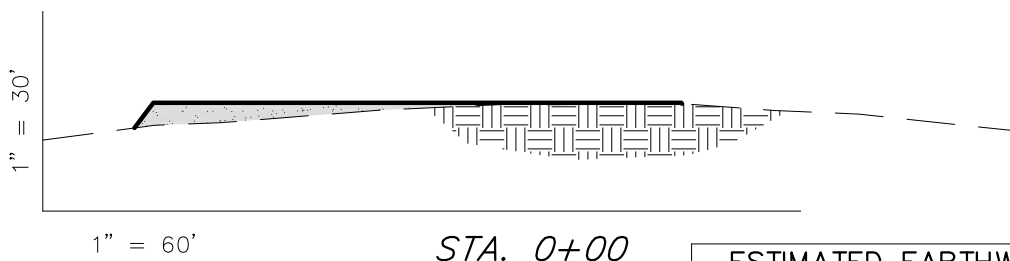
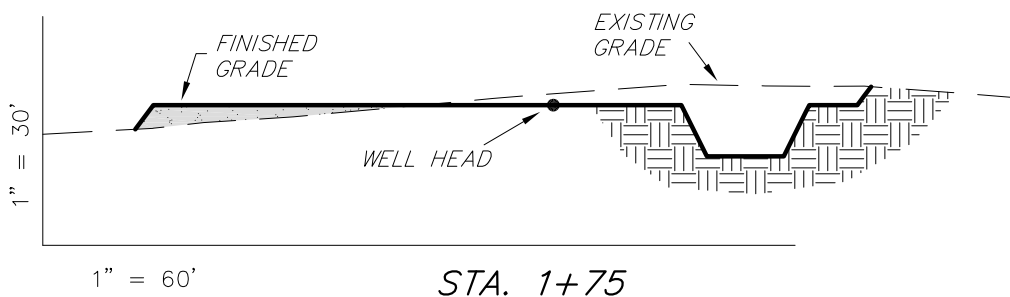
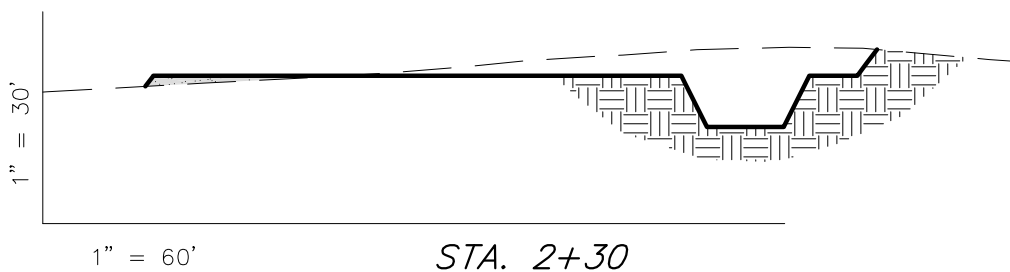
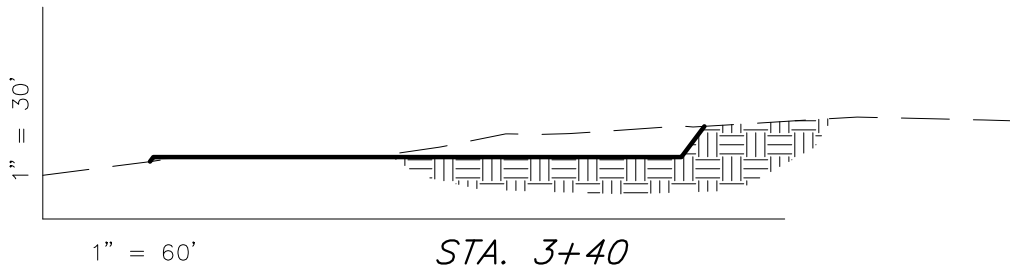
NEWFIELD EXPLORATION COMPANY

CROSS SECTIONS

8-19-4-1E PAD

WELL: 8-19-4-1E

Pad Location: SENE Section 19, T4S, R1E, U.S.B.&M.



NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

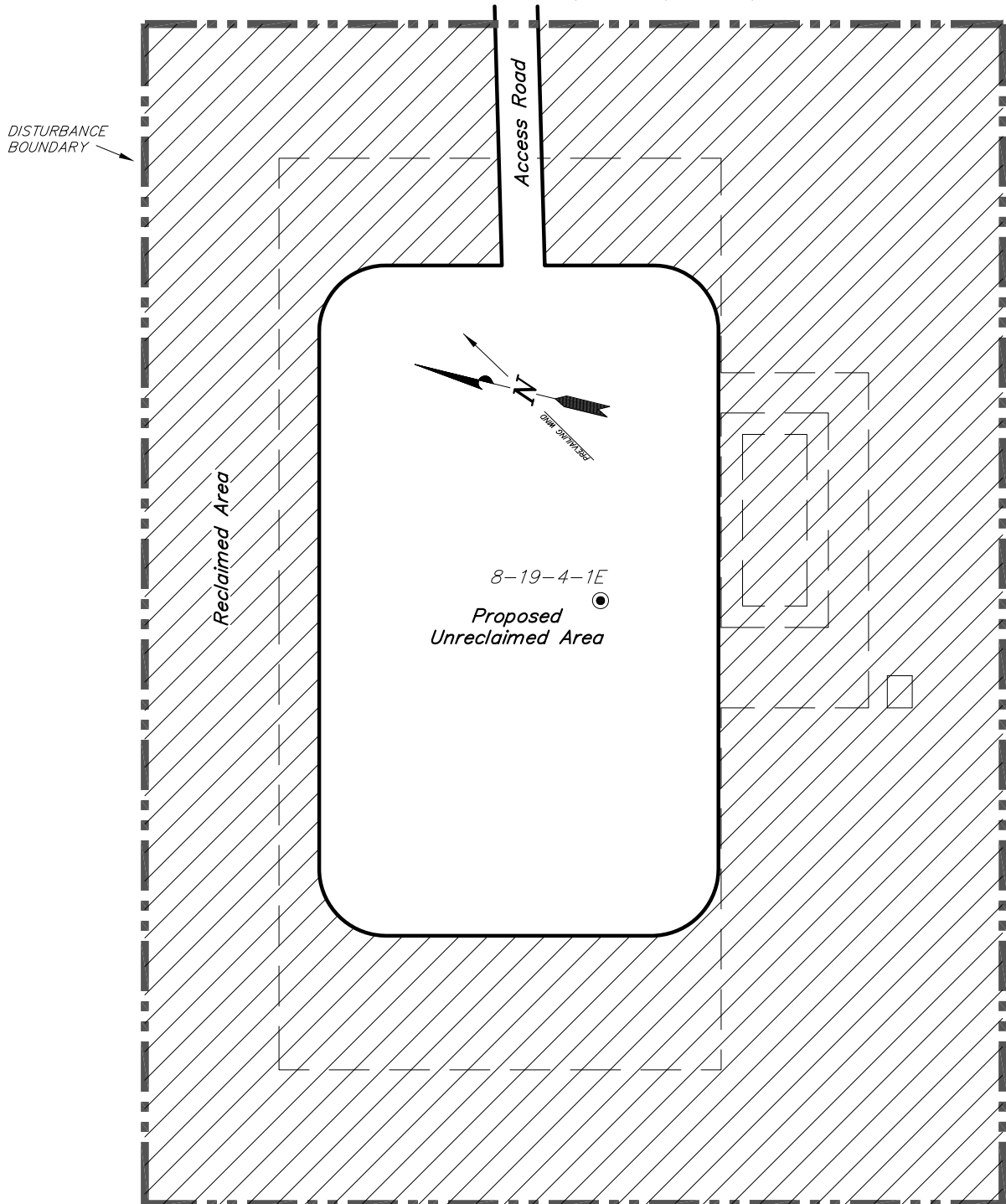
ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,460	2,460	Topsoil is not included in Pad Cut Volume	0
PIT	690	0		690
TOTALS	3,150	2,460	1,320	690

SURVEYED BY: S.H.	DATE SURVEYED: 09-24-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 10-05-12	V2
SCALE: 1" = 60'	REVISED: V.H. 07-12-13	

Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: November 06, 2013

NEWFIELD EXPLORATION COMPANY***RECLAMATION LAYOUT******8-19-4-1E PAD******WELL: 8-19-4-1E****Pad Location: SENE Section 19, T4S, R1E, U.S.B.&M.***Notes:**

1. Reclaimed Area to Include Seeding of Approved Vegetation and Sufficient Storm Water Management System.
2. Actual Equipment Layout and Reclaimed Pad Surface Area May Change due to Production Requirements or Site Conditions.

DISTURBED AREA:

TOTAL DISTURBED AREA = 3.23 ACRES
 TOTAL RECLAIMED AREA = 2.35 ACRES
 UNRECLAIMED AREA = 0.88 ACRES

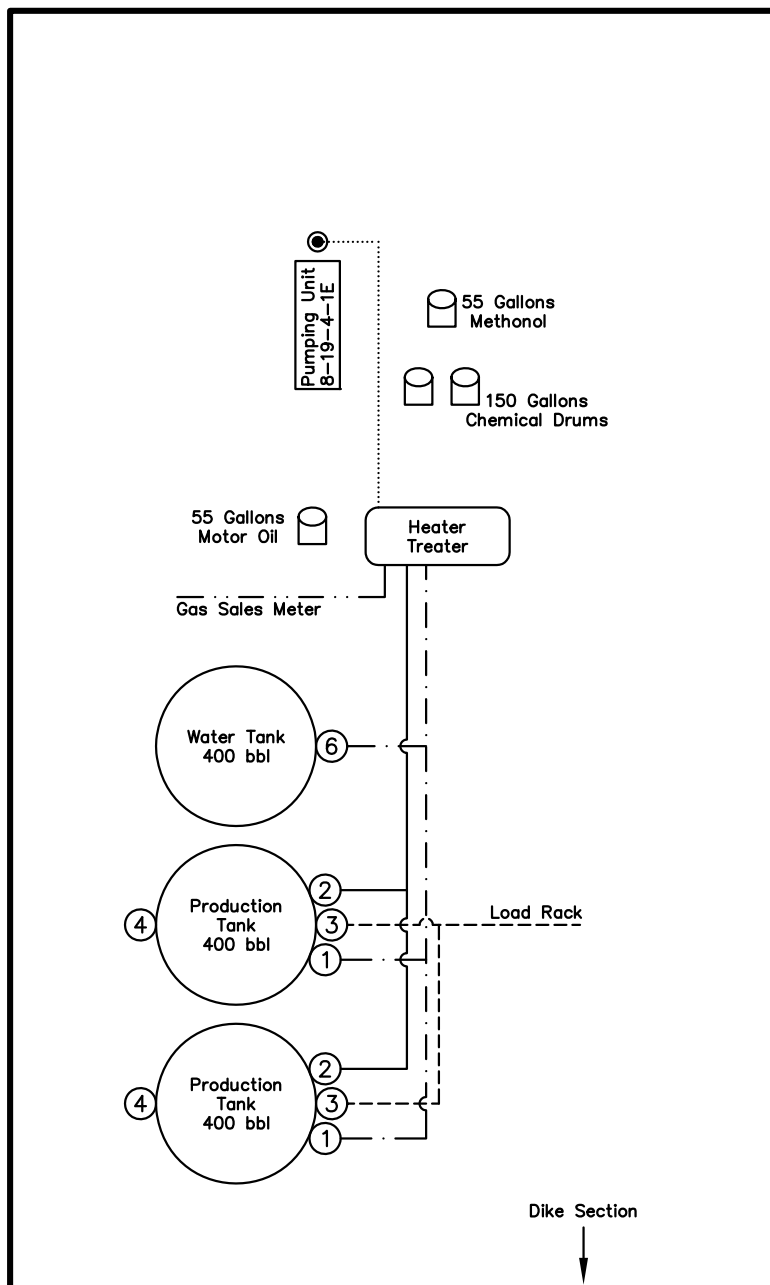
SURVEYED BY: S.H.	DATE SURVEYED: 09-24-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 10-05-12	V2
SCALE: 1" = 60'	REVISED: V.H. 07-12-13	

Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: November 06, 2013

NEWFIELD EXPLORATION COMPANY**PROPOSED SITE FACILITY DIAGRAM****8-19-4-1E PAD****WELL: 8-19-4-1E FEE MINERAL**

*Pad Location: SENE Section 19, T4S, R1E, U.S.B.&M.
 Uintah County, Utah*

**Legend**

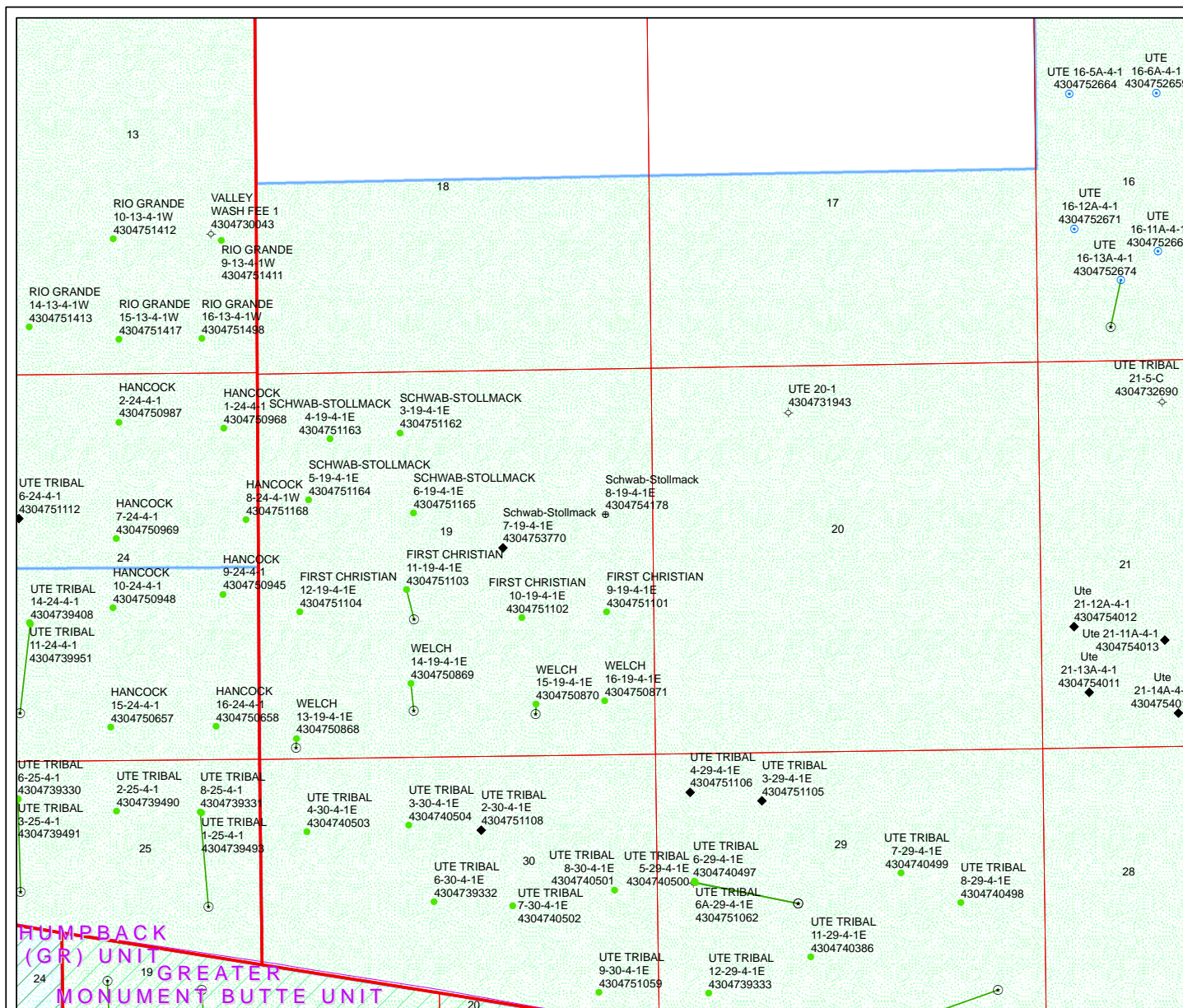
Emulsion Line
 Load Rack - - - - -
 Water Line - . - . -
 Gas Sales - . . - . -
 Oil Line - - - - -

NOT TO SCALE

SURVEYED BY: S.H.	DATE SURVEYED: 09-24-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 10-05-12	V2
SCALE: NONE	REVISED: V.H. 07-12-13	

Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: November 06, 2013

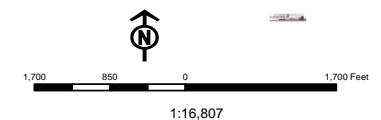
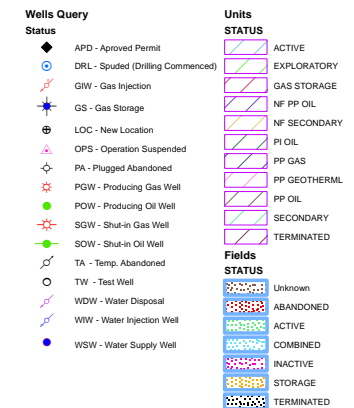


API Number: 4304754178

Well Name: Schwab-Stollmack 8-19-4-1E

Township: T04.0S Range: R01.0E Section: 19 Meridian: U

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared: 11/13/2013
Map Produced by Diana Mason

Well Name	NEWFIELD PRODUCTION COMPANY Schwab-Stollmack 8-19-4-1E 4			
String	Surf	Prod		
Casing Size(in)	8.625	5.500		
Setting Depth (TVD)	400	6025		
Previous Shoe Setting Depth (TVD)	0	400		
Max Mud Weight (ppg)	8.3	8.4		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2591	8.3		

Calculations	Surf String	8.625	"	
Max BHP (psi)	.052*Setting Depth*MW=	173		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	125	YES	air/mist
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	85	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	85	NO	OK
Required Casing/BOPE Test Pressure=		400	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient	

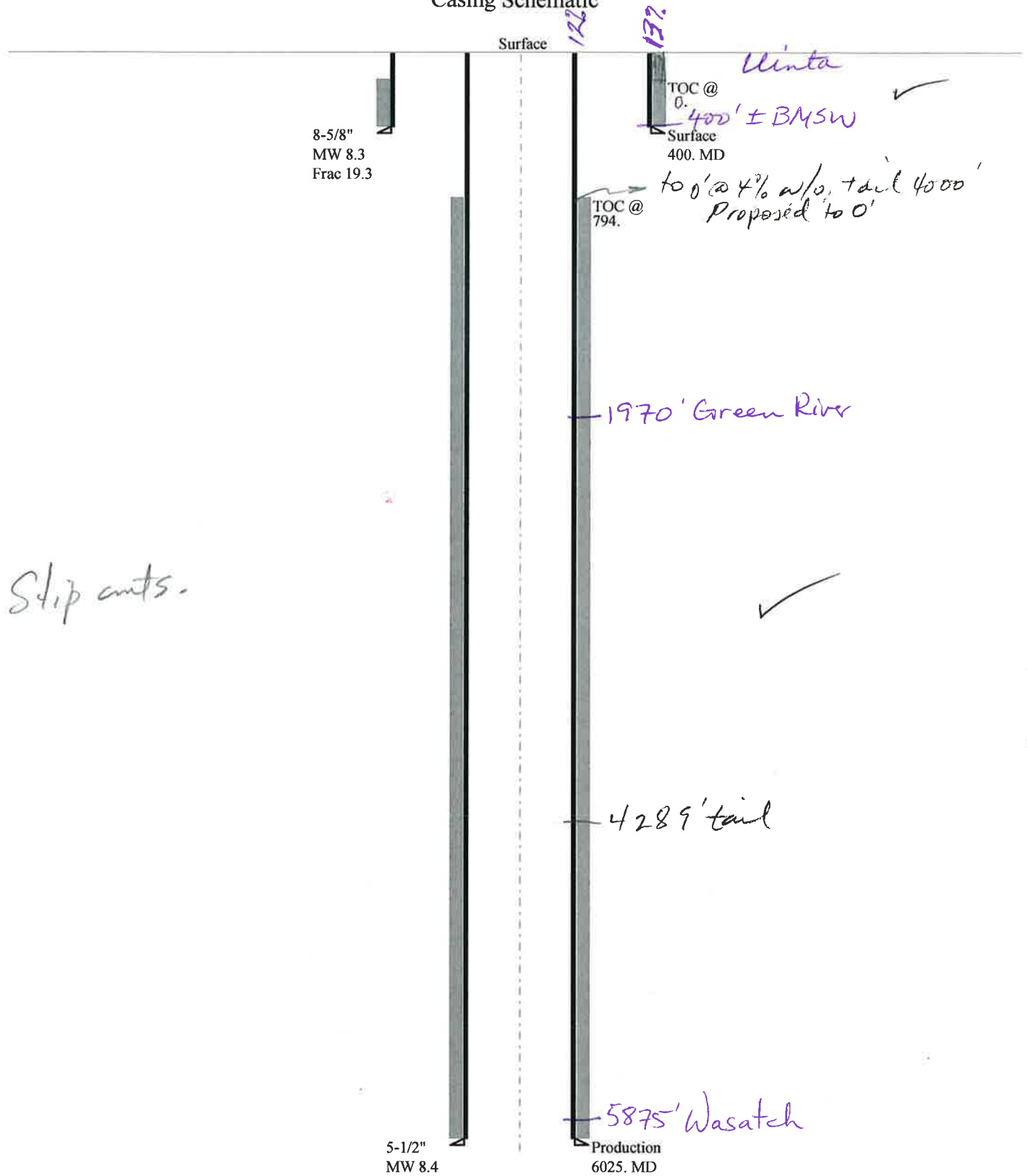
Calculations	Prod String	5.500	"	
Max BHP (psi)	.052*Setting Depth*MW=	2632		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1909	YES	2M BOPE w/low pressure rotating head, rams,
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1307	YES	mud cross, choke manifold
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1395	NO	OK
Required Casing/BOPE Test Pressure=		2000	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		400	psi *Assumes 1psi/ft frac gradient	

Calculations	String		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient	

Calculations	String		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient	

43047541780000 Schwab-Stoll 8-19-4-1E

Casing Schematic



Well name:	43047541780000 Schwab-Stoll 8-19-4-1E	
Operator:	NEWFIELD PRODUCTION COMPANY	
String type:	Surface	Project ID: 43-047-54178
Location:	UINTAH COUNTY	

Design parameters:**Collapse**

Mud weight: 8.300 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 80 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 137 ft

Burst

Max anticipated surface pressure: 352 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 400 psi

Annular backup: 1.50 ppg

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 350 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 6,025 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,629 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 400 ft
Injection pressure: 400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	400	8.625	24.00	J-55	ST&C	400	400	7.972	2059

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	172	1370	7.944	369	2950	8.00	8.4	244	29.03 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: December 11, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 400 ft, a mud weight of 8.3 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43047541780000 Schwab-Stoll 8-19-4-1E	
Operator:	NEWFIELD PRODUCTION COMPANY	
String type:	Production	Project ID: 43-047-54178
Location:	UINTAH COUNTY	

Design parameters:**Collapse**

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 158 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 794 ft

Burst

Max anticipated surface pressure: 1,304 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,629 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Non-directional string.

Tension is based on buoyed weight.
Neutral point: 5,259 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	6025	5.5	15.50	J-55	LT&C	6025	6025	4.825	21274

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2629	4040	1.537	2629	4810	1.83	81.5	217	2.66 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: December 11, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6025 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name Schwab-Stollmack 8-19-4-1E
API Number 43047541780000 **APD No** 9011 **Field/Unit** WINDY RIDGE
Location: 1/4,1/4 SENE **Sec** 19 **Tw** 4.0S **Rng** 1.0E 1982 FNL 661 FEL
GPS Coord (UTM) 592150 4441891 **Surface Owner** Wayne and Moreen Henderson

Participants

Corie Miller - NFX

Regional/Local Setting & Topography

This location is on Henderson Ranch land in Pleasant Valley Very near the First Christian reservoir system. The city of Roosevelt is approximately 11 miles Due North. The pad is located on top of a bluff with a mapped drainage / stream just north of the pad and the reservoir system south. Both of these hydrologic features currently have surface water in them. The immediate area is rather sparsely vegetated in contrast to much of the surrounding acreage which is productive farm land under center pivot sprinklers. The section is nearly completely developed for petroleum extraction. The soils are sandy and topuntia sp, shadscale and unknown DYC are the dominant vegetation. The Surface owner has agreements with the Operator for the placement of roads, culverts and gates that have yet to be honored. The Landowner wishes that this fact be noted as NFX has routinely cited a lack of funds as reason for not honoring previous commitments to this Landowner.
 Location is sited outside the usual spacing window to avoid disturbance to drainage

Surface Use Plan

Current Surface Use
 Wildlife Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.3	Width 240 Length 340	Onsite	UNTA

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands Y
 riparian areas

Flora / Fauna

High desert shrubland ecosystem. Expected vegetation consists of black sagebrush, shadscale, Atriplex spp., mustard spp, rabbit brush, horsebrush, broom snakeweed, Opuntia spp and spring annuals.

Dominant vegetation;

Opuntia sp and Shadscale

Wildlife;

Adjacent habitat contains forbs that may be suitable browse for deer, antelope, prairie dogs or rabbits, though none were observed

Soil Type and Characteristics

silty sands

Erosion Issues Y**Sedimentation Issues** N**Site Stability Issues** N**Drainage Diversion Required?** Y**Berm Required?** Y**Erosion Sedimentation Control Required?** N**Paleo Survey Run?** N **Paleo Potential Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N**Reserve Pit****Site-Specific Factors****Site Ranking****Distance to Groundwater (feet)** 75 to 100 10**Distance to Surface Water (feet)** 100 to 200 15**Dist. Nearest Municipal Well (ft)** >5280 0**Distance to Other Wells (feet)** 300 to 1320 10**Native Soil Type** Mod permeability 10**Fluid Type** Fresh Water 5**Drill Cuttings** Normal Rock 0**Annual Precipitation (inches)** 10 to 20 5**Affected Populations****Presence Nearby Utility Conduits** Not Present 0**Final Score** 55 1 Sensitivity Level**Characteristics / Requirements**

A 40' x 80' x 8' deep reserve pit is planned in an area of cut on the northwest side of the location. A pit liner is required. Operator commonly uses a 16 mil liner with a felt underliner. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. A minimum freeboard of two feet shall be maintained at all times. Pit to be closed within one year after drilling activities are complete.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y**Other Observations / Comments**Chris Jensen
Evaluator11/19/2013
Date / Time

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
9011	43047541780000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD	Wayne and Moreen Henderson	
Well Name	Schwab-Stollmack 8-19-4-1E		Unit		
Field	WINDY RIDGE		Type of Work	DRILL	
Location	SENE 19 4S 1E U 1982 FNL 661 FEL GPS Coord (UTM) 592149E 4441878N				

Geologic Statement of Basis

Newfield proposes to set 300' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 400'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 19. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. However, ground water in the Uinta Formation should be of sufficient quality and quantity for isolated domestic and agricultural use and should be protected. The surface casing should be extended to cover the base of the moderately saline ground water.

Brad Hill
APD Evaluator

12/10/2013
Date / Time

Surface Statement of Basis

Well is proposed in a good location although outside the spacing window. Access road enters the pad from the West. The landowner and its representative were in attendance for the pre-site inspection.

The soil type and topography at present do combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions.

Usual construction standards of the Operator appear to be adequate for the proposed purpose as submitted. Plans lack measures for importing materials, using a geogrid or compacting native soils to improve stability. Fill slopes are planned under areas planned to support a bank of storage tanks and any release will lead directly to a body of water. For this reason I have asked for a felt subliner.

I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. A riparian area can be found adjacent the site to the North and South. The location was not previously surveyed for cultural and paleontological resources as the operator saw fit. I have advised the operator take all measures necessary to comply with ESA and MBTA and that actions insure no disturbance to species that may have not been seen during onsite visit.

The location should be bermed to prevent fluids from entering or leaving the confines of the pad. Fencing around the reserve pit will be necessary to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit. Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues. NO disturbance past the ridge edge as this will impact the channel.

The surface owner wants it noted that they have agreements on the placement of roads with culverts , gates and cattle guards that NFX has not honored on nearby pads on this farm

Chris Jensen
Onsite Evaluator

11/19/2013
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
	Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	NO disturbance shall take place past the ridge edge as this will impact the channel.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/6/2013

API NO. ASSIGNED: 43047541780000

WELL NAME: Schwab-Stollmack 8-19-4-1E

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: SENE 19 040S 010E

Permit Tech Review: ☒

SURFACE: 1982 FNL 0661 FEL

Engineering Review: ☒

BOTTOM: 1982 FNL 0661 FEL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.12217

LONGITUDE: -109.91855

UTM SURF EASTINGS: 592149.00

NORTHINGS: 4441878.00

FIELD NAME: WINDY RIDGE

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☒ PLAT
- ☒ Bond: STATE - B001834
- ☐ Potash
- ☐ Oil Shale 190-5
- ☐ Oil Shale 190-3
- ☐ Oil Shale 190-13
- ☒ Water Permit: 437478
- ☐ RDCC Review:
- ☒ Fee Surface Agreement
- ☐ Intent to Commingle

Commingle Approved

LOCATION AND SITING:

- ☐ R649-2-3.
- Unit:
- ☐ R649-3-2. General
- ☐ R649-3-3. Exception
- ☒ Drilling Unit
- Board Cause No: R649-3-2
- Effective Date:
- Siting:
- ☐ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 5 - Statement of Basis - bhill
12 - Cement Volume (3) - hmacdonald
23 - Spacing - dmason
25 - Surface Casing - hmacdonald

RECEIVED: January 23, 2014



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Schwab-Stollmack 8-19-4-1E
API Well Number: 43047541780000
Lease Number: FEE
Surface Owner: FEE (PRIVATE)
Approval Date: 1/23/2014

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 5 1/2 production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to surface as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
 - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:


- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion

- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "J. Rogers", written over a faint circular stamp.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: Schwab-Stollmack 8-19-4-1E
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43047541780000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. FIELD and POOL or WILDCAT: WINDY RIDGE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1982 FNL 0661 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 04.0S Range: 01.0E Meridian: U		COUNTY: UINTAH
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/26/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR </div> <div> <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME </div> <div> <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE </div> <div> <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION </div> <div> <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK </div> <div> <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION </div> <div> <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON </div> <div> <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL </div> <div> <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION </div> <div> <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER OTHER: <input type="text" value="APD Revision"/> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The proposed access road and pipeline have been re-routed. Attached find the revised Surface Use and Operations plan and the revised topo maps. Everything else in the APD will remain the same.		
		Approved by the Utah Division of Oil, Gas and Mining Date: March 27, 2014 By: 
NAME (PLEASE PRINT) Mandie Crozier		PHONE NUMBER 435 646-4825
SIGNATURE N/A		TITLE Regulatory Tech
		DATE 3/26/2014

**NEWFIELD PRODUCTION COMPANY
SCHWAB-STOLLMACK 8-19-4-1E
SE/NE SECTION 19, T4S, R1E
UINTAH COUNTY, UTAH**

MULTI-POINT SURFACE USE & OPERATIONS PLAN

The onsite inspection for this pad will need to be set up as soon as the APD is received by the State of Utah DOGM. This is a new pad with one proposed vertical well.

1. EXISTING ROADS

- a) To reach Newfield Production Company well location site Schwab-Stollmack 8-19-4-1E, proceed in a southerly direction out of Myton, approximately 3.4 miles to it's junction with an existing road to the east; proceed in a easterly and then southerly direction approximately 3.1 miles to it's junction with an existing road to the east; proceed in a southeasterly direction approximately 4.7 miles to it's junction with an existing road to the north; proceed in a northeasterly direction approximately 3.4 miles to it's junction with the beginning of the proposed access road to the south; proceed in a southeasterly direction along the proposed access road approximately 3,325' to the proposed well location.
- b) The proposed location is approximately 15.2 miles southeast of Myton, Utah
- c) Existing native surface roads in the area range from clays to a sandy-clay shale material.
- d) Access roads will be maintained at the standards required by UDOT, Duchesne County or other controlling agencies. This maintenance will consist of some minor grader work for road surfacing and snow removal. Any necessary fill material for repair will be purchased and hauled from private sources.

2. PLANNED ACCESS ROAD

- a) Approximately 3,325 feet of access road trending southeast is planned. The planned access consists of entirely new disturbance across entirely private surface. See attached Topographic Map "B".
- b) The planned access road will consist of a 20-foot permanent running surface crowned and ditched in order to handle any run-off from any precipitation events. The maximum grade will be 10% or less.
- c) Adequate drainage structures, where necessary, would be incorporated into the construction of the access road to prevent soil erosion and accommodate all-weather traffic.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

- a) Refer to Topographic Map "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- a) There are no existing facilities that will be utilized.
- b) It is anticipated that this well will be a producing oil well with some associated natural gas.

- c) Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.
- d) Tank batteries will be built to Federal Gold Book specifications.
- e) All permanent above-ground structures would be painted a flat, non-reflective covert green color, to match the standard environmental colors. All facilities would be painted the designated color at the time of installation (weather permitting). Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- f) Newfield Production Company proposes 3,313 feet of proposed gas pipeline. The proposed pipeline corridor across entirely Fee surface connecting existing pipeline corridor on Fee surface. See attached Topographic Map "C".
- g) Where parallel corridors exist the disturbed area will be 60 feet wide to allow for construction of the proposed access road and pipeline corridor. The pipeline corridor will consist of a 12-inch or smaller natural gas pipeline and a 6-inch or smaller fuel gas line.
- h) The pipelines will tie in to the existing Newfield pipeline infrastructure. The construction phase of the planned access road, proposed pipelines will last approximately (10) days.
- i) The centerline of the proposed route will be staked prior to installation. Pipelines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated.
- j) Lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country, travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of four (4) inches deep, the soil will be deemed too wet to adequately support the equipment.

5. **LOCATION AND TYPE OF WATER SUPPLY**

- a) Newfield Production will transport water by truck from nearest water source. The available water sources are as follows:
 - Johnson Water District (Water Right : 43-7478)
 - Maurice Harvey Pond (Water Right: 47-1358)
 - Neil Moon Pond (Water Right: 43-11787)
 - Newfield Collector Well (Water Right: 47-1817 - A30414DVA, contracted with the Duchesne County Conservancy District).

6. **SOURCE OF CONSTRUCTION MATERIALS**

- a) Construction material for this access road will be borrowed material accumulated during construction of the access road. If any additional borrow or gravel is required, it would be obtained from a local supplier having a permitted source of materials within the general area.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

- a) A small pit (80 feet x 120 feet x 8 feet deep, or less) will be constructed inboard of the pad area. The pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM.
- b) The pit would be lined with 16 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit. A minimum of two feet of free board would be maintained between the maximum fluid level and the top of the pit at all times.
- c) A portable toilet will be provided for human waste.
- d) A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.
- e) After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.
- f) All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Newfield Production Company guarantees that during the drilling and completion of the referenced well, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the referenced well, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

8. **ANCILLARY FACILITIES**

- a) There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

- a) See attached Location Layout Sheet.

Fencing Requirements

- a) All pits will be fenced or have panels installed consistent with the following minimum standards:
 - 1. The wire shall be no more than two (2) inches above the ground. If barbed wire is utilized it will be installed three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

2. Corner posts shall be centered and/or braced in such a manner to keep tight and upright at all times
 3. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- b) The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE:

- a) Producing Location
1. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.
 2. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting; the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.
- b) Dry Hole Abandoned Location
1. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

- a) Wayne and Moreen Henderson, Trustees, et al.

12. OTHER ADDITIONAL INFORMATION

- a) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On federal administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- b) A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Location and Reserve Pit Reclamation

Please refer to the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

Representative

Name: Corie Miller
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

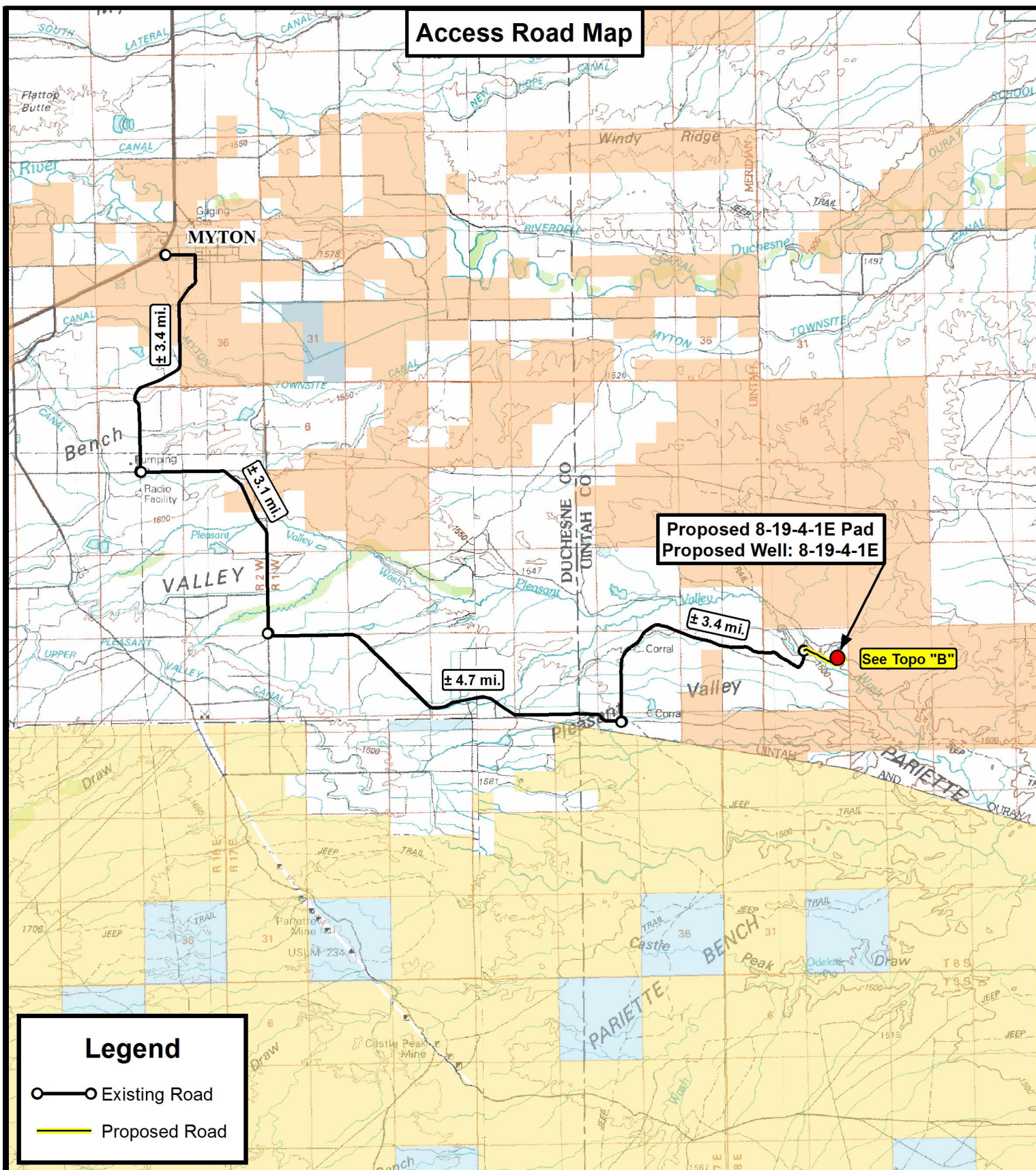
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #8-19-4-1E, Section 19, Township 4S, Range 1E: Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Nationwide Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

3/25/14 (Revision)
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

Access Road Map



Legend

- Existing Road
- Proposed Road



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

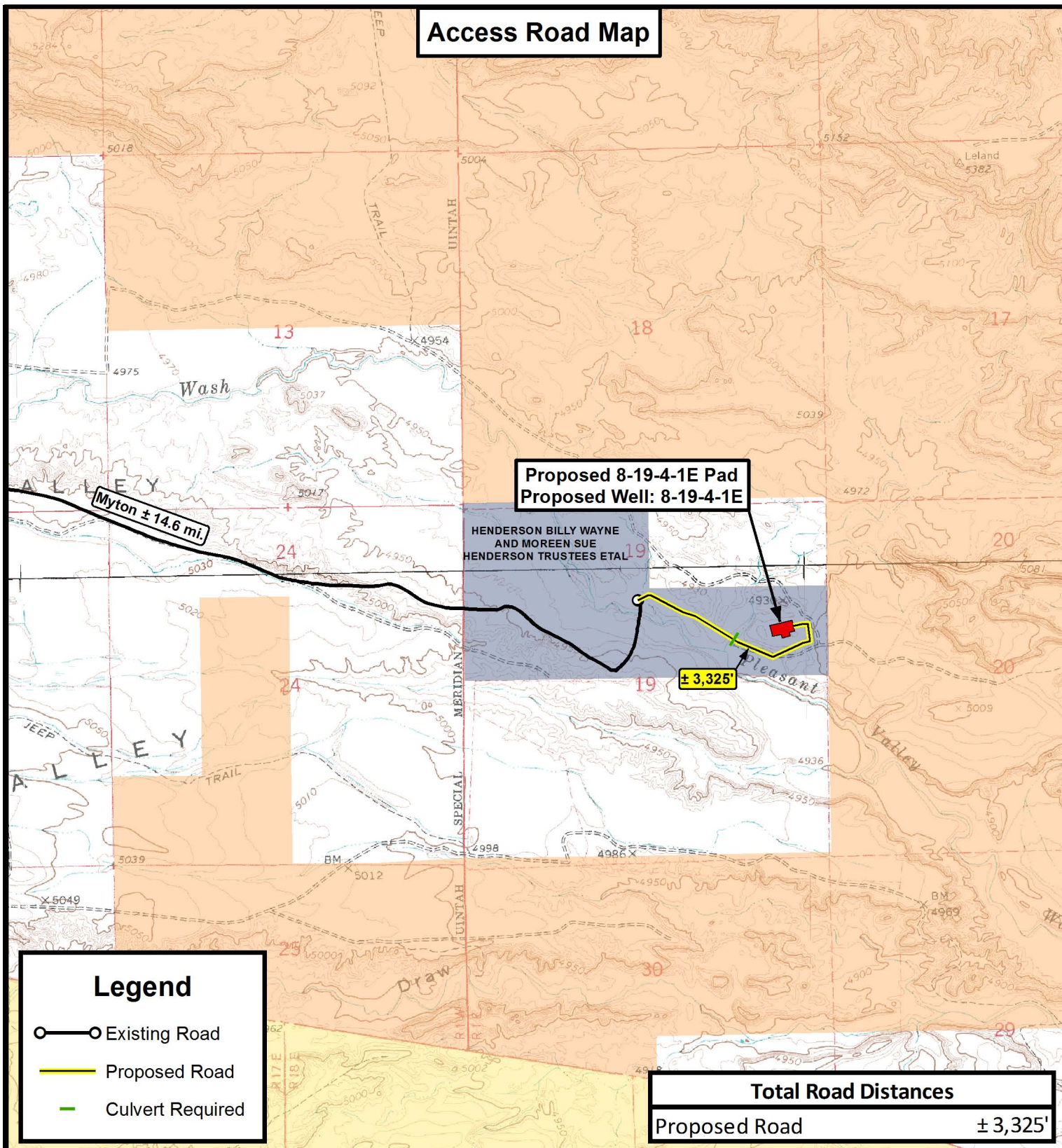
Proposed 8-19-4-1E Pad
Proposed Well: 8-19-4-1E
Sec. 19, T4S, R1E, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	D.C.R.	REVISED:	03-25-14 A.P.C.	VERSION:
DATE:	10-16-2012			V3
SCALE:	1:100,000			

TOPOGRAPHIC MAP

SHEET
A

Access Road Map



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State
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NEWFIELD EXPLORATION COMPANY

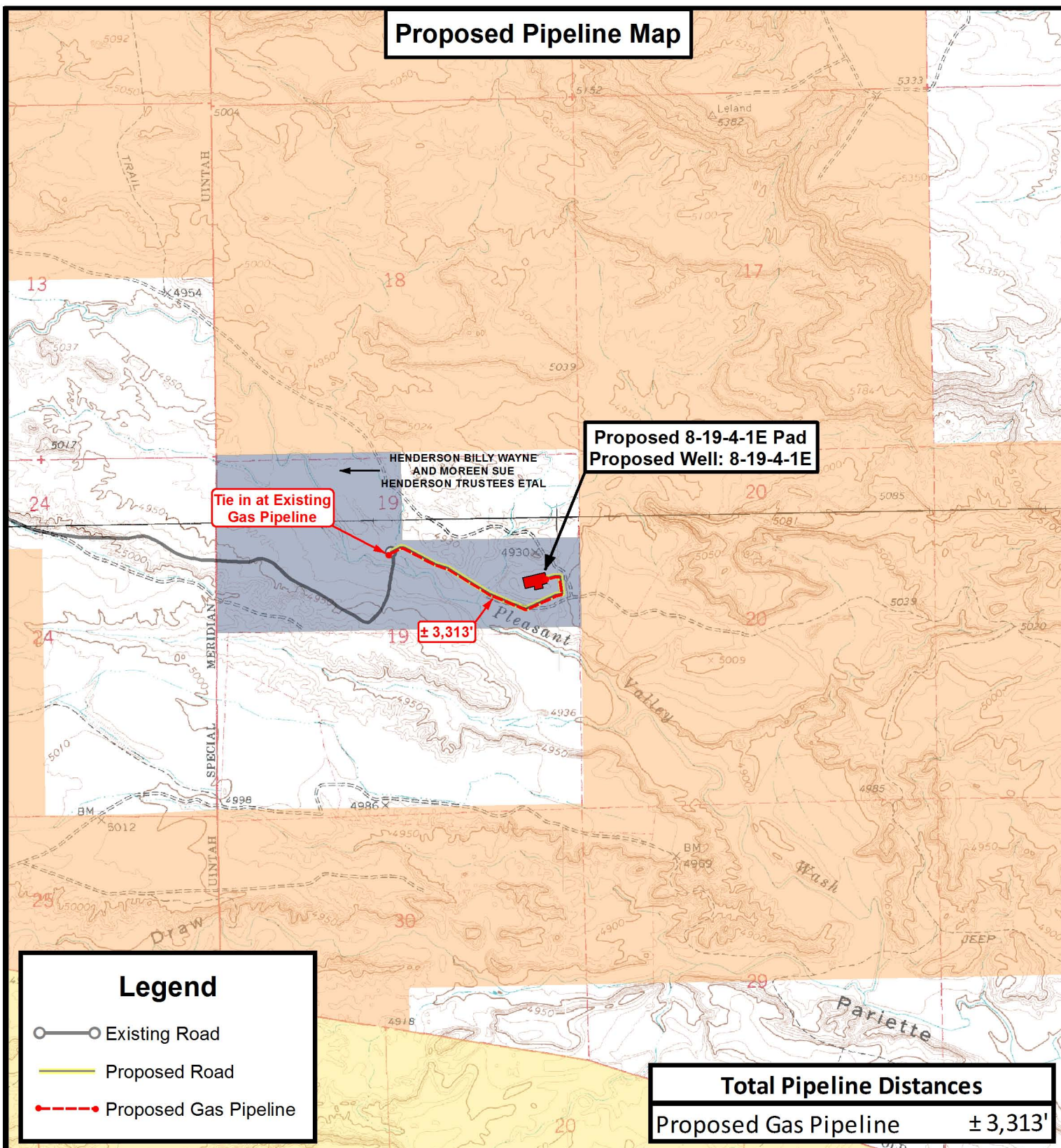
Proposed 8-19-4-1E Pad
Proposed Well: 8-19-4-1E
Sec. 19, T4S, R1E, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	D.C.R.	REVISED:	03-25-14 A.P.C.	VERSION:
DATE:	10-16-2012			V3
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET
B

Proposed Pipeline Map



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
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NEWFIELD EXPLORATION COMPANY

Proposed 8-19-4-1E Pad
Proposed Well: 8-19-4-1E
Sec. 19, T4S, R1E, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	D.C.R.	REVISED:	03-25-14 A.P.C.	VERSION:
DATE:	10-16-2012			V3
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET

C

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: Schwab-Stollmack 8-19-4-1E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1982 FNL 0661 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 04.0S Range: 01.0E Meridian: U		9. API NUMBER: 43047541780000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: WINDY RIDGE
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/31/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text" value="APD Revision"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Newfield would like to deepen the proposed depth for this well to 7,200' MD/TVD. Attached is the revised drilling program reflecting the change in the proposed depth.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: April 09, 2014

By: *Derek Duff*

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 3/31/2014	

**Newfield Production Company
Schwab-Stollmack 8-19-4-1E
SE/NE Section 19, T4S, R1E
Uintah County, UT**

Drilling Program

1. Formation Tops

Uinta	surface
Green River	1,970'
Wasatch	5,875'
TD	7,200'

2. Depth to Oil, Gas, Water, or Minerals

Green River	1,970' - 5,875'
Wasatch	5,875' - TD

Fresh water may be encountered in the Uinta Formation, but is not expected below about 350'.

3. Pressure Control

Section BOP Description

Surface 12-1/4" diverter bowl

Production The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 3M system.

A 3M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 3,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom							Burst	Collapse	Tension
Surface 8 5/8	0'	500'	24	J-55	STC	8.33	8.4	12	2,950	1,370	244,000
									10.52	8.51	20.33
Production 5 1/2	0'	7,200'	17	N-80	LTC	8.8	9	--	7,740	6,290	348,000
									3.01	2.37	2.84

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

Up to 20' of conductor drive pipe may be used, minimum diameter 13 3/8"

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Surface	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	237	15%	15.8	1.17
				203			
Production Lead	7 7/8	4,025'	35/65 Poz/Type II + 5% Bentonite	802	15%	11.0	3.5
				229			
Production Tail	7 7/8	3,175'	50/50 Poz/Type II	633	15%	14.0	1.35
				469			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the production casing string will be calculated from an open hole caliper log, plus 15% excess.

6. Type and Characteristics of Proposed Circulating Medium

<u>Interval</u>	<u>Description</u>
Surface - 500'	An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. A diverter bowl will be used in place of a rotating head. Water will be on location to be used as kill fluid, if necessary.
500' - TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite. Anticipated maximum mud weight is 9.0 ppg.

7. Logging, Coring, and Testing

Logging:	A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A Gamma Ray log will be run from TD to surface. A cement bond log will be run from PBTD to the cement top behind the production casing.
Cores:	As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.46 psi/ft gradient.

$$7,200' \times 0.46 \text{ psi/ft} = 3295 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

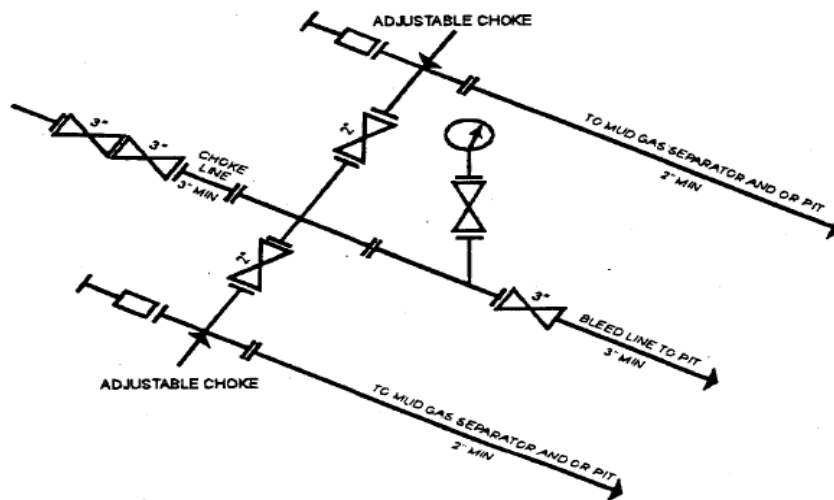
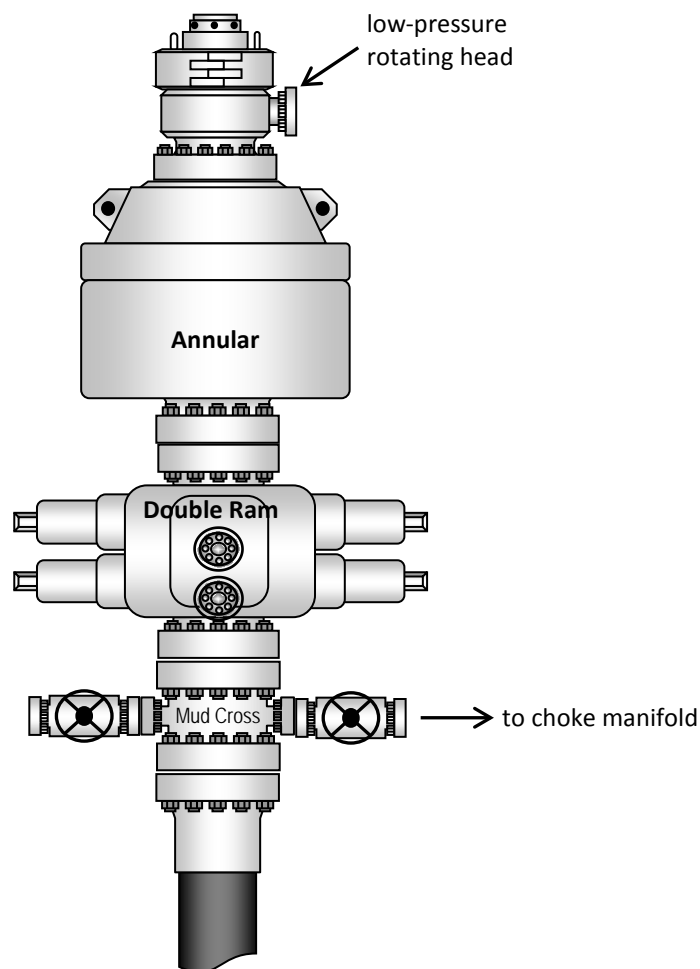
This is planned as a vertical well.

Newfield requests the following Variances from Onshore Order # 2:

- Variance from Onshore Order 2, III.E.1

Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

Typical 3M BOP Stack Configuration



3M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY
[54 FR 39528, Sept. 27, 1989]

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: Schwab-Stollmack 8-19-4-1E
PHONE NUMBER: 435 646-4825 Ext		9. API NUMBER: 43047541780000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1982 FNL 0661 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 19 Township: 04.0S Range: 01.0E Meridian: U		9. FIELD and POOL or WILDCAT: WINDY RIDGE
		COUNTY: UINTAH
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 4/28/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> APD EXTENSION	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. On 4/28/14 Drill & set 3' of 14" conductor. Drill f/3' to 551' KB of 12 1/14 hole. On 4/29/14 P/U and run 12 joints of 24# J-55 8 5/8" casing set depth 544'KB. Cement w/Halliburton w/265 sx of 15.8# 1.19 yield class G Neat cement. Returned 12.7 bbls back to pit & bumped plug to 720 psi.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 01, 2014		
NAME (PLEASE PRINT) Cherei Neilson	PHONE NUMBER 435 646-4883	TITLE Drilling Technician
SIGNATURE N/A	DATE 5/1/2014	

NEWFIELD**Casing****Conductor**

Legal Well Name Schwab-Stollmack 8-19-4-1E		Wellbore Name Original Hole	
API/UWI 43047541780000	Surface Legal Location SENE 1982' FNL 661' FEL Sec 19 T4S R1E	Field Name MYTON AREA	Well Type Development
Well RC 500359984	County Uintah	State/Province Utah	Spud Date
		Final Rig Release Date	

Wellbore					
Wellbore Name Original Hole			Kick Off Depth (ftKB)		
Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	14	13	16	4/28/2014	4/28/2014

Wellhead			
Type	Install Date	Service	Comment

Wellhead Components				
Des	Make	Model	SN	WP Top (psi)

Casing			
Casing Description Conductor	Set Depth (ftKB) 16	Run Date 4/28/2014	Set Tension (kips)
Centralizers	Scratchers		

Casing Components												
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft-lb)	Class	Max OD (in)
Conductor	14	13.500	36.75	H-40			3.00	13.0	16.0			

Jewelry Details							
External Casing Packer							
Type	Setting Requirement	Release Requirements			Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)
Inflation Fluid Type	Infl FI Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)

Slotted Liner							
% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)	
Slot Description	Slot Pattern			Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

Liner Hanger				
Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)	Polish Bore Length (ft)
Slip Description			Set Mechanics	

Setting Procedure				
Unsetting Procedure				

NEWFIELD**Casing****Surface**

Legal Well Name Schwab-Stollmack 8-19-4-1E		Wellbore Name Original Hole	
API/UWI 43047541780000	Surface Legal Location SENE 1982' FNL 661' FEL Sec 19 T4S R1E	Field Name MYTON AREA	Well Type Development
Well RC 500359984	County Uintah	State/Province Utah	Spud Date
		Final Rig Release Date	

Wellbore					
Wellbore Name Original Hole				Kick Off Depth (ftKB)	
Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	14	13	16	4/28/2014	4/28/2014
Vertical	12 1/4	16	551	4/28/2014	4/28/2014

Wellhead			
Type	Install Date	Service	Comment

Wellhead Components				
Des	Make	Model	SN	WP Top (psi)

Casing			
Casing Description Surface	Set Depth (ftKB) 544	Run Date 4/29/2014	Set Tension (kips)
Centralizers 3	Scratchers		

Casing Components												
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft-lb)	Class	Max OD (in)
Wellhead	8 5/8	8.097	24.00	J-55	ST&C	1	2.00	13.0	15.0			
Cut Off	8 5/8	8.097	24.00	J-55	ST&C	1	41.88	15.0	56.9			
Casing Joints	8 5/8	8.097	24.00	J-55	ST&C	10	440.39	56.9	497.3			
Float Collar	8 5/8	8.097	24.00	J-55	ST&C	1	0.92	497.3	498.2			
Shoe Joint	8 5/8	8.097	24.00	J-55	ST&C	1	44.26	498.2	542.5			
Guide Shoe	8 5/8	8.097	24.00	J-55	ST&C	1	1.40	542.5	543.9			

Jewelry Details									
External Casing Packer									
Type	Setting Requirement	Release Requirements		Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)			
Inflation Fluid Type	Infl FI Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)		

Slotted Liner							
% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)	
Slot Description	Slot Pattern			Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

Liner Hanger			
Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)
Slip Description		Set Mechanics	

Setting Procedure
Unsetting Procedure

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# ProPetro 8 Submitted
By Branden Arnold Phone Number 435-401-0223
Well Name/Number Schwab Stollmack 8-19-4-1E
Qtr/Qtr SE/NE Section 19 Township 4S Range 1E
Lease Serial Number FEE
API Number 43-047-54178

Spud Notice – Spud is the initial spudding of the well, not drilling
out below a casing string.

Date/Time 4/28/14 7:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing
times.

- ☒ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 4/28/14 5:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks _____

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Capstar 329
Submitted By Richard Hadlock Phone Number 970-361-3001
Well Name/Number Schwab-Stollmack 8-19-4-1E
Qtr/Qtr SE/NE Section 19 Township 4S Range 1E
Lease Serial Number Fee
API Number 43-047-54178

TD Notice – TD is the final drilling depth of hole.

Date/Time 5/17/2014 19:30 AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 5/18/2014 10:30 AM ☐ PM ☐

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MARK	4428'
				GARDEN GULCH 1	4605'
				GARDEN GULCH 2	4727'
				POINT 3	5043'
				X MRKR	5249'
				Y MRKR	5287'
				DOUGLAS CREEK MRK	5430'
				BI CARBONATE MRK	5765'
				B LIMESTONE MRK	5901'
				CASTLE PEAK	6230'
				BASAL CARBONATE	6598'
				WASATCH	5721'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Drilling daily activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Heather Calder

Title Regulatory Technician

Signature

Heather Calder

Date 06/30/2014

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 19 T4S, R1E
8-19-4-1E
Wellbore #1**

Design: Actual

End of Well Report

23 May, 2014





Payzone Directional
End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 19 T4S, R1E
Well: 8-19-4-1E
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 8-19-4-1E
TVD Reference: 8-19-4-1E @ 4948.0usft (Capstar 329)
MD Reference: 8-19-4-1E @ 4948.0usft (Capstar 329)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983		
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		
System Datum:	Mean Sea Level		

Site	SECTION 19 T4S, R1E		
Site Position:			
From:	Map		
Position Uncertainty:	0.0 usft		
Northings:	7,216,400.00 usft	Latitude:	40° 7' 16.243 N
Easting:	2,061,000.00 usft	Longitude:	109° 59' 45.328 W
Slot Radius:	13-3/16 "	Grid Convergence:	0.96 °

Well	8-19-4-1E, SHL: 40° 7' 20.260 -109° 55' 6.720					
Well Position	+N/-S	0.0 usft	Northings:	7,217,179.66 usft	Latitude:	40° 7' 20.260 N
	+E/-W	0.0 usft	Eastings:	2,082,631.46 usft	Longitude:	109° 55' 6.720 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	4,948.0 usft	Ground Level:	4,935.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	5/10/2014	10.89	65.81	52,050

Design	Actual				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:		Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
		0.0	0.0	0.0	205.44

Survey Program	Date	5/23/2014		
From	To	Survey (Wellbore)	Tool Name	Description
(usft)	(usft)			
586.0	7,200.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard



Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Mylon SW (UT)
Site: SECTION 19 T4S, R1E
Well: 8-19-4-1E
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 8-19-4-1E
TVD Reference: 8-19-4-1E @ 4948.0usft (Capstar 329)
MD Reference: 8-19-4-1E @ 4948.0usft (Capstar 329)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
	0.0	0.00	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00
	586.0	0.20	334.90	586.0	-0.7	0.9	-0.4	0.03	0.03	0.00
	617.0	0.20	334.10	617.0	-0.7	1.0	-0.5	0.01	0.00	-2.58
	648.0	0.20	333.60	648.0	-0.8	1.1	-0.5	0.01	0.00	-1.61
	678.0	0.20	339.90	678.0	-0.9	1.2	-0.6	0.07	0.00	21.00
	708.0	0.10	329.00	708.0	-0.9	1.3	-0.6	0.35	-0.33	-36.33
	739.0	0.00	8.70	739.0	-0.9	1.3	-0.6	0.32	-0.32	0.00
	770.0	0.20	8.90	770.0	-1.0	1.4	-0.6	0.65	0.65	0.00
	800.0	0.00	25.70	800.0	-1.0	1.4	-0.6	0.67	-0.67	0.00
	830.0	0.10	45.50	830.0	-1.0	1.4	-0.6	0.33	0.33	0.00
	861.0	0.10	55.40	861.0	-1.1	1.5	-0.5	0.06	0.00	31.94
	891.0	0.00	118.70	891.0	-1.1	1.5	-0.5	0.33	-0.33	0.00
	935.0	0.00	235.80	935.0	-1.1	1.5	-0.5	0.00	0.00	0.00
	978.0	0.00	180.20	978.0	-1.1	1.5	-0.5	0.00	0.00	0.00
	1,021.0	0.00	65.20	1,021.0	-1.1	1.5	-0.5	0.00	0.00	0.00
	1,064.0	0.30	55.70	1,064.0	-1.2	1.5	-0.4	0.70	0.70	0.00
	1,108.0	0.40	38.00	1,108.0	-1.5	1.7	-0.2	0.33	0.23	-40.23
	1,152.0	0.40	54.80	1,152.0	-1.7	1.9	0.0	0.27	0.00	38.18
	1,196.0	0.40	51.20	1,196.0	-2.0	2.1	0.2	0.06	0.00	-8.18
	1,238.0	0.50	65.90	1,238.0	-2.3	2.3	0.5	0.36	0.24	35.00
	1,282.0	0.30	76.70	1,282.0	-2.5	2.4	0.8	0.48	-0.45	24.55
	1,326.0	0.30	65.00	1,326.0	-2.7	2.5	1.0	0.14	0.00	-26.59
	1,369.0	0.30	58.00	1,369.0	-2.9	2.6	1.2	0.09	0.00	-16.28
	1,412.0	0.30	60.40	1,412.0	-3.0	2.7	1.4	0.03	0.00	5.58
	1,455.0	0.30	76.90	1,455.0	-3.2	2.8	1.6	0.20	0.00	38.37
	1,498.0	0.20	83.70	1,498.0	-3.3	2.8	1.8	0.24	-0.23	15.81
	1,541.0	0.20	113.70	1,541.0	-3.4	2.8	1.9	0.24	0.00	69.77



Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Mylon SW (UT)
Site: SECTION 19 T4S, R1E
Well: 8-19-4-1E
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 8-19-4-1E
TVD Reference: 8-19-4-1E @ 4948.0usft (Capstar 329)
MD Reference: 8-19-4-1E @ 4948.0usft (Capstar 329)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	D/Leg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
1,584.0	0.30	110.50	1,584.0	-3.4	2.7	2.1	0.23	0.23	-7.44
1,628.0	0.20	103.90	1,628.0	-3.4	2.7	2.3	0.24	-0.23	-15.00
1,671.0	0.30	111.90	1,671.0	-3.4	2.6	2.5	0.25	0.23	18.60
1,715.0	0.30	122.60	1,715.0	-3.4	2.5	2.7	0.13	0.00	24.32
1,759.0	0.30	110.50	1,759.0	-3.4	2.4	2.9	0.14	0.00	-27.50
1,803.0	0.20	110.70	1,803.0	-3.4	2.3	3.1	0.23	-0.23	0.45
1,846.0	0.20	121.50	1,846.0	-3.4	2.3	3.2	0.09	0.00	25.12
1,890.0	0.20	117.70	1,890.0	-3.4	2.2	3.3	0.03	0.00	-8.64
1,933.0	0.40	90.90	1,933.0	-3.5	2.1	3.5	0.56	0.47	-62.33
1,977.0	0.50	88.10	1,977.0	-3.6	2.2	3.9	0.23	0.23	-6.36
2,021.0	0.50	81.00	2,021.0	-3.8	2.2	4.3	0.14	0.00	-16.14
2,064.0	0.60	88.70	2,064.0	-4.0	2.2	4.7	0.29	0.23	17.91
2,106.0	0.60	95.60	2,106.0	-4.2	2.2	5.1	0.17	0.00	16.43
2,150.0	0.50	104.00	2,150.0	-4.3	2.1	5.5	0.29	-0.23	19.09
2,194.0	0.50	121.50	2,194.0	-4.3	2.0	5.9	0.35	0.00	39.77
2,237.0	0.40	147.20	2,237.0	-4.2	1.8	6.1	0.52	-0.23	59.77
2,279.0	0.60	164.30	2,279.0	-4.0	1.4	6.3	0.59	0.48	40.71
2,323.0	0.80	178.20	2,323.0	-3.5	0.9	6.3	0.59	0.45	31.59
2,367.0	1.10	183.30	2,367.0	-2.9	0.2	6.3	0.71	0.68	11.59
2,411.0	1.50	184.00	2,411.0	-1.9	-0.8	6.3	0.91	0.91	1.59
2,454.0	1.40	184.90	2,453.9	-0.9	-1.9	6.2	0.24	-0.23	2.09
2,498.0	1.00	202.70	2,497.9	0.0	-2.8	6.0	1.23	-0.91	40.45
2,542.0	0.60	241.20	2,541.9	0.5	-3.3	5.6	1.47	-0.91	87.50
2,586.0	0.70	284.50	2,585.9	0.8	-3.3	5.2	1.11	0.23	98.41
2,629.0	1.00	311.40	2,628.9	0.7	-3.0	4.6	1.14	0.70	62.56
2,673.0	1.20	307.40	2,672.9	0.5	-2.5	4.0	0.49	0.45	-9.09
2,717.0	1.30	295.30	2,716.9	0.4	-2.0	3.2	0.64	0.23	-27.50



Payzone Directional
End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Mylon SW (UT)
Site: SECTION 19 T4S, R1E
Well: 8-19-4-1E
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 8-19-4-1E
8-19-4-1E @ 4948.0usft (Capstar 329)
8-19-4-1E @ 4948.0usft (Capstar 329)
TVD Reference: True
MD Reference: Minimum Curvature
North Reference: EDM 5000.1 Single User Db
Survey Calculation Method:
Database:

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
	2,759.0	1.20	283.60	2,758.9	0.5	-1.7	2.3	0.65	-0.24	-27.86
	2,802.0	1.10	280.90	2,801.9	0.7	-1.5	1.5	0.26	-0.23	-6.28
	2,845.0	1.10	279.50	2,844.9	0.9	-1.3	0.7	0.06	0.00	-3.26
	2,888.0	1.10	271.50	2,887.9	1.2	-1.2	-0.2	0.36	0.00	-18.60
	2,931.0	0.90	265.10	2,930.9	1.5	-1.3	-0.9	0.53	-0.47	-14.88
	2,975.0	0.90	265.90	2,974.9	1.9	-1.3	-1.6	0.03	0.00	1.82
	3,019.0	1.10	252.70	3,018.8	2.3	-1.5	-2.4	0.69	0.45	-30.00
	3,063.0	1.30	244.60	3,062.8	3.0	-1.8	-3.2	0.59	0.45	-18.41
	3,107.0	1.40	236.60	3,106.8	3.9	-2.3	-4.1	0.48	0.23	-18.18
	3,149.0	1.30	235.40	3,148.8	4.7	-2.9	-4.9	0.25	-0.24	-2.86
	3,193.0	0.50	225.90	3,192.8	5.3	-3.3	-5.5	1.84	-1.82	-21.59
	3,237.0	0.30	33.40	3,236.8	5.4	-3.3	-5.5	1.81	-0.45	380.68
	3,280.0	0.30	36.70	3,279.8	5.2	-3.1	-5.4	0.04	0.00	7.67
	3,324.0	0.20	32.90	3,323.8	5.0	-3.0	-5.3	0.23	-0.23	-8.64
	3,368.0	0.00	1.90	3,367.8	4.9	-2.9	-5.3	0.45	-0.45	0.00
	3,412.0	0.30	234.30	3,411.8	5.0	-3.0	-5.4	0.68	0.68	0.00
	3,456.0	0.60	224.50	3,455.8	5.3	-3.2	-5.6	0.70	0.68	-22.27
	3,499.0	1.00	223.90	3,498.8	5.9	-3.7	-6.0	0.93	0.93	-1.40
	3,543.0	1.20	217.80	3,542.8	6.7	-4.3	-6.6	0.53	0.45	-13.86
	3,587.0	1.30	209.90	3,586.8	7.7	-5.1	-7.1	0.45	0.23	-17.95
	3,630.0	0.60	223.30	3,629.8	8.4	-5.7	-7.5	1.70	-1.63	31.16
	3,673.0	0.50	24.40	3,672.8	8.4	-5.7	-7.6	2.52	-0.23	374.65
	3,716.0	0.70	22.30	3,715.8	7.9	-5.3	-7.4	0.47	0.47	-4.88
	3,760.0	0.40	22.80	3,759.8	7.5	-4.9	-7.3	0.68	-0.68	1.14
	3,803.0	0.00	283.90	3,802.8	7.4	-4.7	-7.2	0.93	-0.93	0.00
	3,846.0	0.30	211.70	3,845.8	7.5	-4.8	-7.3	0.70	0.70	0.00
	3,890.0	0.50	205.90	3,889.8	7.8	-5.1	-7.4	0.46	0.45	-13.18



Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Mylon SW (UT)
Site: SECTION 19 T4S, R1E
Well: 8-19-4-1E
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 8-19-4-1E
TVD Reference: 8-19-4-1E @ 4948.0usft (Capstar 329)
MD Reference: 8-19-4-1E @ 4948.0usft (Capstar 329)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	D/Leg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
3,934.0	0.80	209.70	3,933.8	8.3	-5.5	-7.6	0.69	0.68	8.64
3,977.0	1.10	211.80	3,976.8	9.0	-6.1	-8.0	0.70	0.70	4.88
4,019.0	1.40	212.60	4,018.7	9.9	-6.9	-8.5	0.72	0.71	1.90
4,063.0	1.80	210.60	4,062.7	11.1	-8.0	-9.1	0.92	0.91	-4.55
4,107.0	1.80	207.70	4,106.7	12.5	-9.2	-9.8	0.21	0.00	-6.59
4,150.0	1.00	212.80	4,149.7	13.5	-10.1	-10.3	1.88	-1.86	11.86
4,194.0	0.30	262.90	4,193.7	14.0	-10.4	-10.6	1.91	-1.59	113.86
4,237.0	0.60	0.10	4,236.7	13.8	-10.2	-10.8	1.64	0.70	226.05
4,281.0	0.90	3.40	4,280.7	13.3	-9.6	-10.7	0.69	0.68	7.50
4,325.0	0.80	352.00	4,324.7	12.7	-9.0	-10.8	0.45	-0.23	-25.91
4,368.0	0.70	333.20	4,367.7	12.3	-8.5	-10.9	0.61	-0.23	-43.72
4,412.0	0.60	305.50	4,411.7	12.1	-8.1	-11.2	0.74	-0.23	-62.95
4,456.0	0.60	270.40	4,455.7	12.2	-7.9	-11.6	0.82	0.00	-79.77
4,500.0	0.80	237.70	4,499.7	12.5	-8.1	-12.1	1.00	0.45	-74.32
4,543.0	0.90	233.50	4,542.7	13.1	-8.5	-12.7	0.27	0.23	-9.77
4,587.0	1.10	233.30	4,586.7	13.8	-8.9	-13.3	0.45	0.45	-0.45
4,631.0	1.20	230.60	4,630.7	14.6	-9.5	-14.0	0.26	0.23	-6.14
4,675.0	1.40	226.30	4,674.6	15.5	-10.1	-14.7	0.51	0.45	-9.77
4,719.0	1.40	217.00	4,718.6	16.5	-10.9	-15.4	0.52	0.00	-21.14
4,761.0	1.50	216.20	4,760.6	17.5	-11.8	-16.1	0.24	0.24	-1.90
4,805.0	1.80	218.20	4,804.6	18.8	-12.8	-16.8	0.69	0.68	4.55
4,849.0	1.90	212.70	4,848.6	20.2	-14.0	-17.6	0.46	0.23	-12.50
4,893.0	2.00	208.70	4,892.5	21.7	-15.2	-18.4	0.38	0.23	-9.09
4,937.0	2.00	207.20	4,936.5	23.2	-16.6	-19.1	0.12	0.00	-3.41
4,980.0	2.00	204.60	4,979.5	24.7	-17.9	-19.8	0.21	0.00	-6.05
5,024.0	1.90	198.30	5,023.5	26.2	-19.3	-20.3	0.54	-0.23	-14.32
5,067.0	2.10	196.70	5,066.4	27.7	-20.8	-20.8	0.48	0.47	-3.72



Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Mylon SW (UT)
Site: SECTION 19 T4S, R1E
Well: 8-19-4-1E
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 8-19-4-1E
TVD Reference: 8-19-4-1E @ 4948.0usft (Capstar 329)
MD Reference: 8-19-4-1E @ 4948.0usft (Capstar 329)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	D Leg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
5,110.0	2.10	198.70	5,109.4	29.2	-22.3	-21.3	0.17	0.00	4.65
5,153.0	2.00	199.80	5,152.4	30.8	-23.7	-21.8	0.25	-0.23	2.56
5,197.0	2.10	200.70	5,196.4	32.3	-25.2	-22.3	0.24	0.23	2.05
5,241.0	2.10	202.10	5,240.3	34.0	-26.7	-22.9	0.12	0.00	3.18
5,285.0	2.10	201.50	5,284.3	35.6	-28.2	-23.5	0.05	0.00	-1.36
5,327.0	2.20	200.70	5,326.3	37.1	-29.7	-24.1	0.25	0.24	-1.90
5,371.0	2.30	200.70	5,370.2	38.9	-31.3	-24.7	0.23	0.23	0.00
5,414.0	2.30	199.60	5,413.2	40.6	-32.9	-25.3	0.10	0.00	-2.56
5,457.0	2.20	196.00	5,456.2	42.2	-34.5	-25.8	0.40	-0.23	-8.37
5,500.0	2.20	195.00	5,499.1	43.9	-36.1	-26.2	0.09	0.00	-2.33
5,544.0	2.30	192.30	5,543.1	45.6	-37.8	-26.6	0.33	0.23	-6.14
5,587.0	2.50	190.50	5,586.1	47.3	-39.5	-27.0	0.50	0.47	-4.19
5,631.0	2.50	190.40	5,630.0	49.2	-41.4	-27.3	0.01	0.00	-0.23
5,675.0	2.70	187.10	5,674.0	51.1	-43.4	-27.6	0.57	0.45	-7.50
5,719.0	2.70	185.30	5,717.9	53.0	-45.5	-27.9	0.19	0.00	-4.09
5,762.0	2.50	179.20	5,760.9	54.8	-47.4	-27.9	0.79	-0.47	-14.19
5,805.0	2.30	175.80	5,803.8	56.4	-49.2	-27.9	0.57	-0.47	-7.91
5,849.0	2.00	170.50	5,847.8	57.8	-50.8	-27.7	0.82	-0.68	-12.05
5,891.0	2.00	167.40	5,889.8	59.0	-52.3	-27.4	0.26	0.00	-7.38
5,935.0	1.80	160.70	5,933.8	60.1	-53.7	-27.0	0.68	-0.45	-15.23
5,979.0	1.50	153.60	5,977.7	60.9	-54.9	-26.5	0.82	-0.68	-16.14
6,023.0	1.10	135.50	6,021.7	61.4	-55.7	-26.0	1.29	-0.91	-41.14
6,067.0	1.00	98.00	6,065.7	61.5	-56.0	-25.3	1.55	-0.23	-85.23
6,111.0	0.60	95.80	6,109.7	61.3	-56.1	-24.7	0.91	-0.91	-5.00
6,153.0	0.80	192.00	6,151.7	61.5	-56.4	-24.5	2.50	0.48	229.05
6,196.0	2.20	208.00	6,194.7	62.6	-57.4	-25.0	3.37	3.26	37.21
6,240.0	3.40	208.50	6,238.7	64.7	-59.3	-26.0	2.73	2.73	1.14



Payzone Directional

End of Well Report



Company: NEWFIELD EXPLORATION
Project: USGS Mylon SW (UT)
Site: SECTION 19 T4S, R1E
Well: 8-19-4-1E
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well 8-19-4-1E
TVD Reference: 8-19-4-1E @ 4948.0usft (Capstar 329)
MD Reference: 8-19-4-1E @ 4948.0usft (Capstar 329)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
6,284.0	3.50	209.60	6,282.6	67.4	-61.6	-27.3	0.27	0.23	2.50
6,327.0	3.50	214.20	6,325.5	70.0	-63.9	-28.7	0.65	0.00	10.70
6,371.0	3.20	222.60	6,369.4	72.5	-65.9	-30.2	1.31	-0.68	19.09
6,415.0	3.10	223.40	6,413.4	74.8	-67.7	-31.9	0.25	-0.23	1.82
6,459.0	3.20	220.30	6,457.3	77.1	-69.5	-33.5	0.45	0.23	-7.05
6,503.0	3.10	216.60	6,501.2	79.5	-71.3	-35.0	0.51	-0.23	-8.41
6,546.0	3.10	214.90	6,544.2	81.8	-73.2	-36.4	0.21	0.00	-3.95
6,590.0	3.00	210.80	6,588.1	84.1	-75.2	-37.6	0.55	-0.23	-9.32
6,633.0	2.90	208.80	6,631.0	86.3	-77.1	-38.7	0.33	-0.23	-4.65
6,677.0	2.80	207.60	6,675.0	88.5	-79.0	-39.8	0.26	-0.23	-2.73
6,720.0	2.80	205.60	6,717.9	90.6	-80.9	-40.7	0.23	0.00	-4.65
6,763.0	2.60	202.80	6,760.9	92.6	-82.8	-41.5	0.56	-0.47	-6.51
6,806.0	2.70	202.80	6,803.8	94.6	-84.6	-42.3	0.23	0.23	0.00
6,846.0	2.60	202.60	6,843.8	96.4	-86.3	-43.0	0.25	-0.25	-0.50
6,892.0	2.50	201.40	6,889.7	98.5	-88.2	-43.8	0.25	-0.22	-2.61
6,935.0	2.50	199.30	6,932.7	100.3	-90.0	-44.5	0.21	0.00	-4.88
6,979.0	2.40	198.90	6,976.7	102.2	-91.7	-45.1	0.23	-0.23	-0.91
7,023.0	2.30	198.30	7,020.6	104.0	-93.5	-45.6	0.23	-0.23	-1.36
7,066.0	2.10	198.30	7,063.6	105.6	-95.0	-46.2	0.47	-0.47	0.00
7,110.0	2.00	196.50	7,107.6	107.2	-96.5	-46.6	0.27	-0.23	-4.09
7,140.0	2.10	195.10	7,137.6	108.2	-97.6	-46.9	0.37	0.33	-4.67
7,200.0	2.30	192.30	7,197.5	110.5	-99.8	-47.5	0.38	0.33	-4.67

Checked By: _____

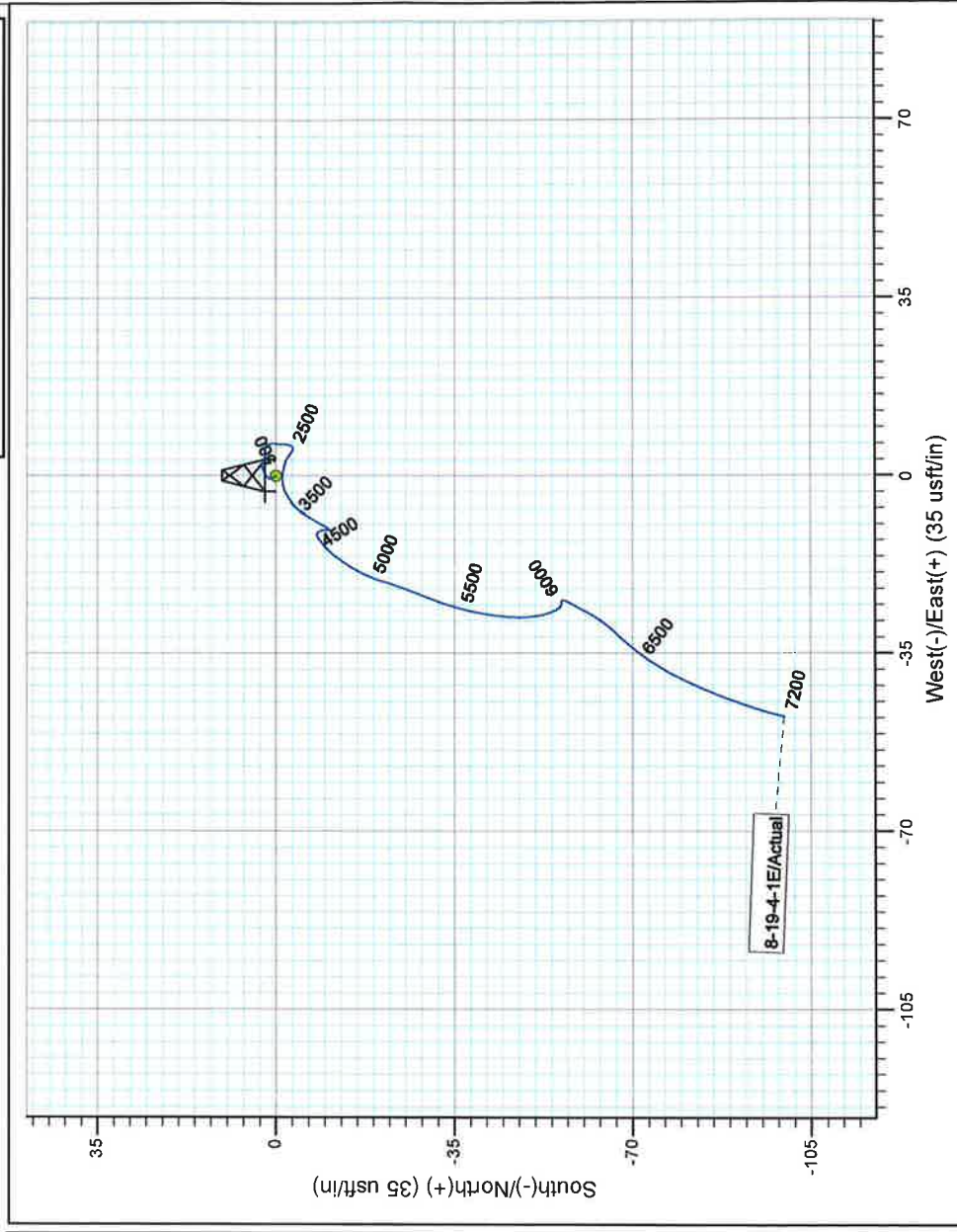
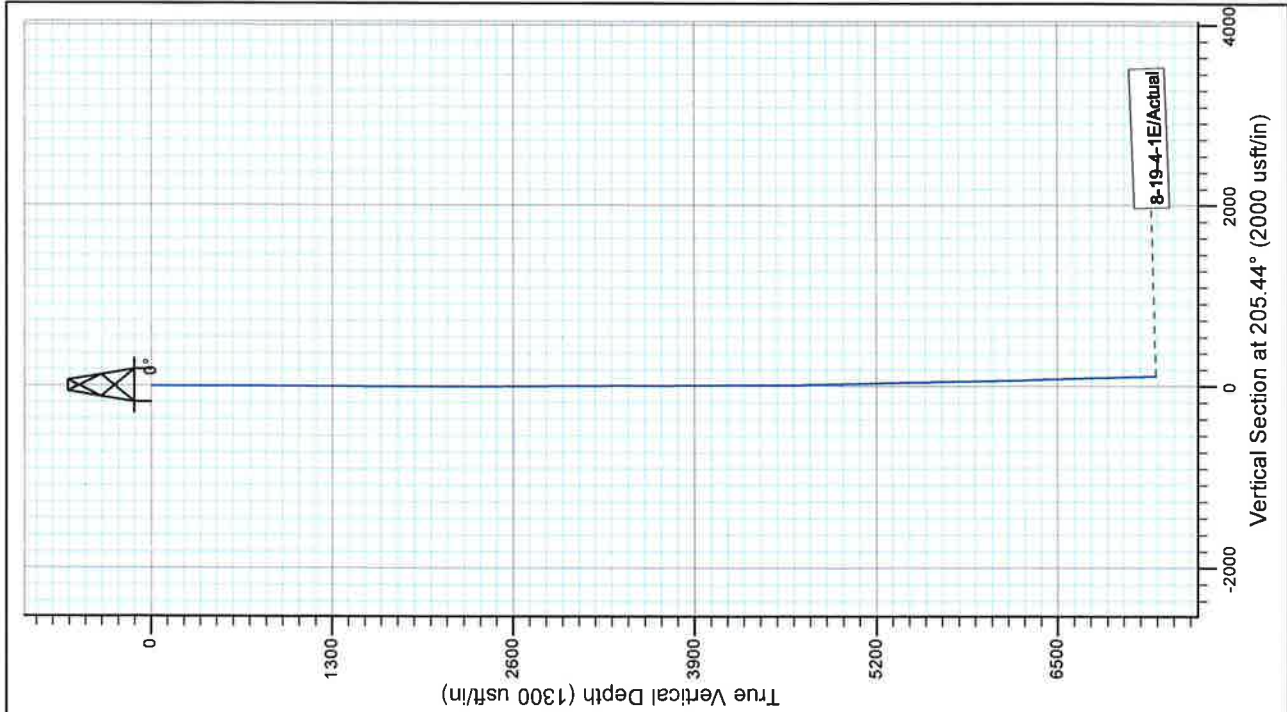
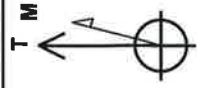
Approved By: _____

Date: _____



Project: USGS Myton SW (UT)
Site: SECTION 19 T4S, R1E
Well: 8-19-4-1E
Wellbore: Wellbore #1
Design: Actual

Azimuths to True North
Magnetic North: 10.89°
Magnetic Field
Strength: 52050.1 snT
Dip Angle: 65.81°
Date: 5/10/2014
Model: IGRF2010



Design: Actual (8-19-4-1E/Wellbore #1)

Created By: *Matthew Linton* Date: 6:41, May 23 2014

THIS SURVEY IS CORRECT TO THE BEST OF
MY KNOWLEDGE AND IS SUPPORTED
BY ACTUAL FIELD DATA



Summary Rig Activity

Well Name: Schwab-Stollmack 8-19-4-1E

Job Category	Job Start Date	Job End Date

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
6/2/2014	6/3/2014	NU BOPs. Run CBL. Pressure test csg & well control stack. Perforate 1st stage.
Start Time	End Time	Comment
06:00	08:00	NU Cameron 10K 5-1/4" wellhead isolation tool. NU Weatherford 10K frac valve & 10K blind rams.
Start Time	End Time	Comment
08:00	10:00	Run CBL from 7111' to surface under 0 psi. TOC @ 87'.
Start Time	End Time	Comment
10:00	12:00	Pressure test csg to 6500 psi for 30 min. Pressure test well control stack & flowback lines to 10000 psi for 10 min. Low tests of 250-300 psi for 5 min.
Start Time	End Time	Comment
12:00	13:00	Perforate stage 1.
Start Time	End Time	Comment
13:00	00:00	SDFN
Report Start Date	Report End Date	24hr Activity Summary
6/4/2014	6/5/2014	Frac 6 stages and flowback to pit
Start Time	End Time	Comment
00:00	05:00	SDFN
Start Time	End Time	Comment
05:00	07:30	MIRU HES frac equipment
Start Time	End Time	Comment
07:30	09:30	Upon arriving to location it was noticed that the 5K-10K X-over spool had been left on top of the 10K frac stack after using it for WL during the CBL & 1stg perforating. RD lines & ND frac head to remove X-over spool. NU 10K frac head.
Start Time	End Time	Comment
09:30	11:00	Flange on bottom of frac head was leaking on initial pressure test. Tighten bolts around flange and still leaked. Replaced ring gasket. Successful pressure test.
Start Time	End Time	Comment
11:00	11:45	Frac 1 stage
Start Time	End Time	Comment
11:45	12:45	Set CFTP @ 6770'. Perforate stg 2 perfs
Start Time	End Time	Comment
12:45	13:30	Frac stage 2
Start Time	End Time	Comment
13:30	14:18	Set CFTP @ 6600'. Perforate stage 3
Start Time	End Time	Comment
14:18	15:00	Frac stg 3
Start Time	End Time	Comment
15:00	15:48	Set CFTP @ 5830'. Perforate stage 4
Start Time	End Time	Comment
15:48	16:18	Frac stg 4
Start Time	End Time	Comment
16:18	17:09	Set CFTP @ 5620'. Perforate stg 5
Start Time	End Time	Comment
17:09	17:45	Frac stg 5
Start Time	End Time	Comment
17:45	18:33	Set CFTP @ 5010'. Perforate stg 6
Start Time	End Time	Comment
18:33	19:20	Frac stg 6
Start Time	End Time	Comment
19:20	00:00	Flowback frac to pit @ 50 BPH.



Summary Rig Activity

Well Name: Schwab-Stollmack 8-19-4-1E

Sundry Number: 52834 API Well Number: 43047541780000

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary	Set 2 kill plugs. NU BOPs & test. MIRUSU
6/5/2014	6/6/2014	Continue flowback frac.	
Start Time	End Time	End Time	Comment
00:00	02:30	02:30	Flowback frac to pit @ 50 BPH until dead.
Start Time	End Time	End Time	Comment
02:30	06:00	06:00	SDFN
Start Time	End Time	End Time	Comment
06:00	09:00	09:00	RU WL T. Set 2 kill plugs, first @ 4720', second @ 4710'. Bleed pressure off well.
Start Time	End Time	End Time	Comment
09:00	10:00	10:00	Unload tbg from trailers onto pipe racks
Start Time	End Time	End Time	Comment
10:00	11:00	11:00	MOVE RIG RFOOM 10-2-41W TO 8-19-4-1E
Start Time	End Time	End Time	Comment
11:00	13:00	13:00	N.D. FRAC STACK, N.U. D.O. STACK
Start Time	End Time	End Time	Comment
13:00	15:00	15:00	SPOT RIG, PREP TO R.U. R.U. UP FLOOR & TONGS, XO TO TBG EQUIP
Start Time	End Time	End Time	Comment
15:00	17:30	17:30	WAIT ON BOP HOSE EXTENSION, TEST BOP'S, PREP & TALLY PIPE, START R.U PUMP & LINES
Start Time	End Time	End Time	Comment
17:30	19:30	19:30	M.U & RIH W. BIT, PUMP OFF, 1 JOINT 2 7/8" L-80, X.N.,99 JOINTS 2 7/8" L-80
Start Time	End Time	End Time	Comment
19:30	20:00	20:00	SWI, CLEAN UP FOR THE NIGHT
Start Time	End Time	End Time	Comment
20:00	21:00	21:00	Crew travel
Start Time	End Time	End Time	Comment
21:00	00:00	00:00	SDFN
Report Start Date	Report End Date	24hr Activity Summary	Set 2 kill plugs & clean out to PBTD.
6/6/2014	6/7/2014	PU tbg.	
Start Time	End Time	End Time	Comment
00:00	06:00	06:00	SDFN
Start Time	End Time	End Time	Comment
06:00	07:00	07:00	Crew travel
Start Time	End Time	End Time	Comment
07:00	07:30	07:30	CSG 0 PSI, TBG 0 PSI, RIG MAINTAINANCE
Start Time	End Time	End Time	Comment
07:30	08:30	08:30	P.U & RIH W/ 46 JOINTS 2 7/8" L-80, TAGGED 1ST K.P @ 4710', L.D 1 JOINT 2 7/8" L-80
Start Time	End Time	End Time	Comment
08:30	18:00	18:00	R.U SWIVEL, SWIVELED IN TO 1ST K.P @ 4710', NO FILL, 20 MIN, 0 PSI UNDER PLUG, TAGGED 2ND K.P @ 4720', NO FILL, 25 MIN, 500 PSI UNDER PLUG, TAGGED 1ST PLUG @ 5010', NO FILL, 25 MIN, 0 PSI UNDER PLUG, TAGGED 2ND PLUG @ 5620', NO FILL, 20 MIN, 0 PSI UNDER PLUG, TAGGED 3RD PLUG @ 5830', NO FILL, 25 MIN, 0 PSI UNDER PLUG, TAGGED 4TH PLUG @ 6600', NO FILL, 25 MIN, 200 PSI UNDER PLUG, TAGGED 5TH PLUG @ 6770', NO FILL, 30 MIN, 500 PSI UNDER PLUG, WASHED THROUGH 30' OF FILL TO P.B @ 7146', CIRC CLEAN, RACK OUT SWIVEL
Start Time	End Time	End Time	Comment
18:00	18:30	18:30	L.D 8 JOINTS 2 7/8" L-80,
Start Time	End Time	End Time	Comment
18:30	19:00	19:00	SWI, CLEAN UP FOR THE NIGHT



Well Name: Schwab-Stollmack 8-19-4-1E

Summary Rig Activity

Start Time	19:00	End Time	20:00	Comment
Start Time	20:00	End Time	00:00	Crew travel
Report Start Date	6/9/2014	Report End Date	6/10/2014	SDFN
24hr Activity Summary				
Round trip tbq & PU rods				
Start Time	00:00	End Time	06:00	Comment
Start Time	06:00	End Time	07:00	SDFN
Start Time	07:00	End Time	09:00	Crew travel
Start Time	09:00	End Time	11:00	Comment
Start Time	11:00	End Time	13:00	CSG 0 PSI, TBG 0 PSI, PUMP 150 BBL DOWN TBG TO KILL CSG, RIG MAINTAINANCE, PREP RODS
Start Time	13:00	End Time	14:30	POOH W/ 214 JOINTS 2 7/8" L-80, X.N, 1 JOINT 2 7/8" L-80, PUMP OFF, BIT
Start Time	14:30	End Time	19:00	Comment
Start Time	19:00	End Time	20:00	M.U & RIH W/ P.V, 2 JOINTS 2 7/8" L-80,D.S, 2 7/8" X 4' PUP, 1 JOINT 2 7/8" L-80, S.N, 1 JOINT 2 7/8" L-80, TAC, 212 JOINTS 2 7/8" L-80, LAND WELL W/ HANGER
Start Time	20:00	End Time	21:00	Comment
Start Time	21:00	End Time	00:00	R.D TONGS & FLOOR, N.D D.O STACK, P.U & SET TAC W/18,000 TENSION, N.U W.H, XO TO ROD EQUIP
Report Start Date	6/10/2014	Report End Date	6/10/2014	Comment
Start Time	00:00	End Time	06:00	P.U & PRIME PUMP, RIH W/ 2 1/2" X 1 3/4" X 20' RHAC, 33 7/8" 8 PER, 153 3/4" 4 PER, 87 7/8" 4 PER, 7/8" X 4' PONY, 30' POLISH ROD
Start Time	06:00	End Time	07:00	TBG WAS FULL, S.T PUMP TO 800 PSI, SWI, CLEAN UP FOR THE NIGHT
Start Time	07:00	End Time	08:00	Comment
24hr Activity Summary				
RDMOSU.				
Start Time	00:00	End Time	06:00	Comment
Start Time	06:00	End Time	07:00	SDFN
Start Time	07:00	End Time	08:00	Crew travel
Start Time	08:00	End Time	09:00	Comment
Start Time	09:00	End Time	10:00	SDFN
Start Time	10:00	End Time	11:00	Crew travel
Start Time	11:00	End Time	12:00	Comment
Start Time	12:00	End Time	13:00	SDFN
Start Time	13:00	End Time	14:00	Crew travel
Start Time	14:00	End Time	15:00	Comment
Start Time	15:00	End Time	16:00	SDFN
Start Time	16:00	End Time	17:00	Crew travel
Start Time	17:00	End Time	18:00	Comment
Start Time	18:00	End Time	19:00	SDFN
Start Time	19:00	End Time	20:00	Crew travel
Start Time	20:00	End Time	21:00	Comment
Start Time	21:00	End Time	00:00	SDFN
Report Start Date	6/10/2014	Report End Date	6/10/2014	Comment
Start Time	00:00	End Time	06:00	SDFN
Start Time	06:00	End Time	07:00	Comment
Start Time	07:00	End Time	08:00	Crew travel
Start Time	08:00	End Time	09:00	Comment
Start Time	09:00	End Time	10:00	RDMOSU.